

OMEGA CHEMICAL SITE PRP ORGANIZED GROUP

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September 30, 2011

Ms. Lynda Deschambault
Remedial Project Manager
U.S. Environmental Project Manager Agency-Region IX
75 Hawthorne Street (SFD-7-1)
San Francisco, CA 94105

Re: August 2011 Indoor Air Quality Data Submittal,
Omega Chemical Superfund Site, Whittier, California

Dear Ms. Deschambault:

Enclosed is the August 2011 Indoor Air Quality Data Submittal for the Omega Chemical Superfund site. This data submittal is being transmitted in accordance Task 1 of Administrative Settlement Agreement and Order on Consent/Statement of Work (AOC/SOW), which became effective on November 9, 2009.

Should you have any questions, regarding the above, please contact me.

Sincerely,
Omega Chemical Site PRP Organized Group



Edward Modiano
Project Coordinator

cc: Matt Salazar, USEPA
Tom Perina, CH2MHIL
Dave Chamberlin, CDM
Sharon Wallin, CDM
Stephanie Lewis, DTSC



111 Academy, Suite 150
Irvine, California 92617
tel: 949 752-5452

September 30, 2011

Mr. Ed Modiano
de maximis, inc.
1322 Scott Street, Suite 104
San Diego, CA 92107

Subject: Short Term Mitigation Air Sampling Report for August 2011
Omega Chemical Superfund Site
CDM Project No: 10500-76051.OSS.IAQ
CDM File No: 10500-5.2.3

Dear Mr. Modiano:

On behalf of the Omega Chemical Site PRP Organized Group (OPOG), Camp Dresser & McKee Inc. (CDM) is submitting this Short Term Mitigation Air Sampling (STMAS) Report for the August 2011 sampling event. This report includes the analytical results for the monthly indoor air quality (IAQ) sampling, describes short-term mitigation measures in place, any changes or alterations, dates of operation, and recommended changes. Also, this report includes building conditions, laboratory reports, sample location maps, and tabulated analytical results. This report was prepared in accordance with the Administrative Settlement Agreement and Order on Consent (AOC) for the Removal Action, which was effective November 9, 2009.

Sampling Date, Locations Sampled, Number of Samples

August 31, 2011 monthly indoor air quality sampling. All samples were sent to Air Toxics Ltd. for analysis. Two additional samples were collected as split samples for confirmatory analysis at a second laboratory (Air Technology Laboratories [AirTech]).

- Terra Pave (4 samples, includes one split sample to Air Tech)
 - TP1 = First Floor Reception Area - 1 sample
 - TP2 = Second Floor Office - 1 sample
 - TP3 = Maintenance Shop - 2 samples (includes split sample)
- Bishop Co. (4 samples, including one duplicate to Air Toxics)
 - B1 = First Floor Reception/Office Area -2 samples (includes duplicate)



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- B2 = Interior Store - 1 sample
- B3 = Warehouse - 1 sample
- Regional Occupational Program (ROP) (6 samples, includes one split sample to Air Tech)
 - ROP1 - Office (Room 207) - 2 samples (includes split sample)
 - ROP2 - Classroom (Room 104) - 1 sample
 - ROP3 - Office (Room 108) - 1 sample
 - ROP4 - Dental Annex - Lobby/Computer Area - 1 sample
 - ROP5 - Dental Annex - Classroom - 1 sample
- Fred R. Rippy (FRR) (3 samples)
 - FRR1 - First floor office - 1 sample
 - FRR2 - Production Area - 1 sample
 - FRR3 - Warehouse - 1 sample
- Women's and Children's Crisis Shelter (WCCS) (6 samples, includes one duplicate to Air Toxics)
 - WCCS2 - First floor outside elevator - 1 sample
 - WCCS3 - First floor office, right side of building - 1 sample
 - WCCS4 - First floor, "Great Room" - 1 sample
 - WCCS6 - Second floor - Office 17- 1 sample
 - WCCS7 - Second floor - Office 16 - 2 samples (includes duplicate)
- Ambient Air
 - AA1 = Exterior fence between Terra Pave and Madsen - 1 sample
 - AA8 = Exterior fence between parking lots near Dental Annex - 1 sample



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Please refer to attached Figures 1 through 4 which identify and illustrate the indoor air sampling locations at Terra Pave and Bishop, and Figures 5 through 7 which identify and illustrate the indoor air sampling locations at ROP and WCCS. Figure 8 identifies and illustrates the indoor air sampling locations at FRR. Figures are presented in Attachment A.

Building Conditions

Terra Pave

- The Terra Pave maintenance shop is no longer occupied. The shop area has been mostly emptied and only minimal equipment remains. Ferguson Accounting employees were on-site during sampling and occupy the first floor area. An air filter was in use in the hallway/room between the main office and the machine shop.
- The first floor office has been furnished as a receptionist/lobby area. The windows were closed. The door to the break room was open throughout the day. The office was unoccupied during sample placement and was occupied by Ferguson Accounting employees during sample retrieval. The receptionist had moved the Summa canister from her work area to a nearby location during sampling.
- The second floor office space was not in use. All doors to the office were open during sampling. The window was slightly ajar during sampling.
- The rollup door and the side door were closed during canister placement and retrieval in the maintenance shop.
- The ventilation system in the office building operates on an as-needed basis dependent on thermostat settings and temperature. The HVAC system in the first floor office area was operating during the August 31, 2011 sampling event, however the HVAC system was not operating on the second floor.

Bishop

- The windows and doors were closed in the office building. The door from the office building to the warehouse was closed.
- The front office/reception area was unoccupied during sample placement and sample retrieval.
- The front and rear rollup doors were open in the warehouse.
- The ventilation system fans were operating during the time of sampling. The ventilation system fans operate 24 hours a day, seven days a week.



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ROP

- The door to Room 207 was open and the office was occupied during canister placement and retrieval.
- The door to Room 104 was closed during canister placement and the room was not occupied during canister placement or retrieval.
- The door to Room 108 was open during canister placement and the office was occupied. The door to Room 108 was closed during canister retrieval and the room was unoccupied.
- The buildings windows are sealed and cannot be opened.
- The doors and windows were closed during sample placement and sample retrieval in the Dental Annex computer room/lobby area. The doors to the inner offices in computer room/lobby area were open during sampling placement and retrieval. The room was not in use during sample placement and retrieval.
- The door to the training area classroom at the Dental Annex was open during canister placement and retrieval. The room was unoccupied during canister placement and retrieval.
- The ventilation system fans were operating during the time of sampling at the ROP and the Dental Annex. The ventilation system fans operate 24 hours a day, seven days a week.

WCCS

- Most of the building is no longer occupied, although two of the 2nd floor offices are still used and occupied by two staff.
- The ventilation system fan was operating during the time of sampling. The ventilation system fan operates 24 hours a day, seven days a week.
- The first floor office, where the sample was collected, was not in use throughout the day and the door was closed during canister placement and canister retrieval.
- Doors from the hallway to the first floor "Great Room" was closed during sampling. The doors to the outside were closed during the day and are typically not opened. This room is rarely used according to office staff.
- The office on the second floor (office number 17), is occupied by WCCS personal on a daily basis during regular business hours. The office was occupied at the time of sample placement and retrieval. The door to the office was open during sample placement and



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retrieval. The outside windows were closed during sample placement, but were open during the day and during sample retrieval.

- The office on the second floor (office number 16), is occupied by WCCS personal on a daily basis during regular business hours. The office was occupied at the time of sample placement and unoccupied during sample retrieval. The door to the office was open during sampling. The outside windows were open during sample placement and during the day, but were closed during sample retrieval.
- The elevator was not used during canister placement and retrieval, and is rarely used according to office staff.

FRR

- The HVAC system operates all day in the front office.
- The doors and windows to the production area and outside were closed throughout the day in the front office.
- The doors to the warehouse from the production area were open during sampling. Doors to the outside and overhead windows were open during the day. Production work was ongoing throughout the day. Doors were closed during sample retrieval. According to facility personnel, stand up floor fans were reportedly in use during the day. Compressed oxygen and nitrogen tanks are located in this area.
- The doors to the outside and the rollup doors were open throughout the day in the warehouse. The doors were closed during sample retrieval. A propane (20 lbs. tank) powered, two - burner floor heater was not in operation during sampling. A forklift, powered by propane, was in use in the area throughout the day. According to facility personnel, a floor fan was in operation during the day.

Short Term Mitigation Measures in Place

- Indoor and ambient air sampling continues on a monthly basis at the Terra Pave, Bishop, WCCS and ROP buildings. As requested by EPA, monthly sampling is also being performed at the FRR property.
- As requested, the purifiers at Bishop were shut off by the property owner on October 21, 2010. As discussed in recent STMAS reports, based on operation of the interim soil vapor extraction (ISVE) system and review of indoor air analytical results, operation of the air purifiers is no longer necessary.



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- As requested, the Terra Pave air purifiers were shut off by the property owner in May 2010. As noted above, based on operation of the ISVE system and review of indoor air analytical results, operation of the air purifiers is no longer necessary. However, during the August 2011 sampling event, one air filter was in use at Terra Pave.

Indoor Air Analytical Results

As briefly described above, monthly IAQ samples were collected from Terra Pave, Bishop, WCCS, ROP, and FRR on August 31, 2011. Table 1 in Attachment B presents the analytical results. The following provides a brief summary of these sampling results. Results are compared to EPA's Health Protective Screening Criteria (Tables 2 through 6).

Bishop

The PCE concentrations in the administration office (0.57 micrograms per cubic meter, [ug/m³] [field duplicate result was 0.56 ug/m³]), warehouse (0.44 ug/m³), and the interior store (0.98 ug/m³) in August remained below the long-term health protective screening criteria of 2.1 ug/m³. Based on these data, it appears that the operation of the ISVE system has been effective at improving indoor air conditions. PCE was detected in the ambient air sample collected between Terra Pave and Madsen Roofing at a concentration of 0.67 ug/m³ during the August sampling event.

Terra Pave

PCE concentrations in the first floor reception/lobby area (1.2 ug/m³), the second floor office (1.1 ug/m³) and the maintenance shop (1.0 ug/m³ [split sample result was 1.1 ug/m³]) were below the long-term health protective screening criteria of 2.1 ug/m³ in August. Based on these data, it appears that the operation of the ISVE system has been effective at improving indoor air conditions. PCE was detected in the ambient air sample collected between Terra Pave and Madsen Roofing at a concentration of 0.67 ug/m³ during the August sampling event.

ROP

The PCE concentrations in Room 207 (0.80 ug/m³ [split sample result was 0.88 ug/m³]), Room 108 (0.66 ug/m³), Room 104 (0.59 ug/m³), Dental Annex Classroom (1.6 ug/m³), and the Dental Annex Lobby/Computer Area (0.98 ug/m³) were below the long-term health protective screening criteria of 2.1 ug/m³ during the August sampling event. PCE was detected at a concentration of 0.37 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the August sampling event.

WCCS

PCE concentrations in the first floor "Great Room" (6.1 ug/m³), the first floor office/right side of building (6.1 ug/m³), outside elevator on first floor (6.0 ug/m³), Office 17 on the second



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floor (6.1 ug/m³), and Office 16 on the second floor (6.2 ug/m³ [field duplicate result was 6.5 ug/m³]) were above the long-term health protective screening criteria of 2.1 ug/m³ during the August sampling event. PCE was detected at a concentration of 0.37 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the August sampling event.

FRR

PCE concentrations in the front office (24 ug/m³), the production area (16 ug/m³), and the warehouse (11 ug/m³) were above the long-term health protective screening criteria of 2.1 ug/m³. PCE was detected at a concentration of 0.37 ug/m³ in the ambient air sample collected from the parking lot near the Dental Annex during the August sampling event.

Graphs illustrating PCE and TCE concentrations over time at the Bishop, Terra Pave, ROP, WCCS, and FRR properties are provided in Attachment C.

Data Validation

Formal data validation was performed on the analytical results for the 23 samples analyzed by Air Toxics using a Level 4 data package provided by the laboratory. Laboratory reports are presented in Attachment D with the validation report. Following validation, the project's analytical Access database was updated (including any data validation flags, if needed) and the attached summary table (Attachment B, Table 1) was generated. The field duplicate of sample IAQ-B1-083111 (front office/reception area) had a 1.77 percent variation from the original sample for PCE (0.57 ug/m³ in the original sample and 0.56 ug/m³ in the field duplicate). The field duplicate of sample IAQ-WCCS7-083111 (Office 16 on second floor) had a 4.72 percent variation from the original sample for PCE (6.2 ug/m³ in the original sample and 6.5 ug/m³ in the field duplicate).

Two samples were submitted to a second laboratory (AirTech) as split samples. Results for the split sample for location IAQ-TP3-083111 (first floor reception/lobby area) had a 9.52 percent variation from the original sample for PCE (1.0 ug/m³ in the original sample and 1.1 ug/m³ in the split sample). Results for the split sample for location IAQ-ROP1-083111 (Room 207) had a 9.52 percent variation from the original sample for PCE (0.80 ug/m³ in the original sample and 0.88 ug/m³ in the split sample). The results for the split samples and field duplicate samples varied for several of the other detected compounds and are further discussed in the validation report in Attachment D.

Interim SVE System Operation

The ISVE system operated continuously during this reporting period, except during shutdowns for periodic maintenance activities. ISVE system data are presented on a quarterly basis in the March, June, September and December Short Term Mitigation Air



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Sampling Reports. Therefore, the September 2011 Short Term Mitigation Air Sampling Report will include ISVE system operation data, influence coverage analysis, mass removal estimates, and analytical results.

Sub-Slab Depressurization Systems Operation

The SSD systems at ROP and WCCS operated continuously during this reporting period. SSD system data are presented on a quarterly basis in the March, June, September and December Short Term Mitigation Air Sampling Reports. Therefore, the September 2011 Short Term Mitigation Air Sampling Report will include SSD system startup and operation data, vacuum influence and analytical results.

Changes or Alterations

None.

Recommended Changes/Actions

- No changes are recommended at this time for the ISVE system at Bishop and Terra Pave.
- Although continued sampling of the FRR building is not required under the current AOC, OPOG has agreed to do so. OPOG will also initiate evaluation of additional mitigation measures at, and in the vicinity of, this building as continued sampling data are collected in the near term, as necessary and appropriate. Tenants at FRR have been requested to run the HVAC system 24/7, and to keep the windows open to the extent practicable.
- The September semi-annual indoor air sampling event is scheduled for September 27, 2011. Along with the Terra Pave, Bishop, ROP, WCCS and FRR buildings, Madsen Roofing, Star City Auto Body, Medlin & Son North and South, and Tomacico (formerly Oncology Care Medical Associates) buildings will also be sampled.
- At EPA's request, OPOG recently performed a statistical assessment of the analytical data using ProUCL and prepared a technical memo (CDM, September 26, 2011) that was submitted to EPA on September 27th. Proposals for modifications to IAQ sample frequency in some buildings may be forthcoming pending EPA review of the ProUCL technical memo.

Other Short Term Mitigation Measures Activities

None.



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If you have any questions regarding this report, please feel free to call me at (949) 930-9866.

Sincerely,

A handwritten signature in blue ink that appears to read "Sharon Wallin".

Sharon Wallin, P.G.
Project Manager
Camp Dresser & McKee Inc.

Attachments

Attachment A:

Figures: Sample and/or Purifier Location Maps for Terra Pave, Bishop, ROP and WCCS (Figures 1 and 2 Terra Pave, Figures 3 and 4 Bishop, Figure 5 ROP, Figures 6 and 7 WCCS, Figure 8 FRR).

Attachment B: Tables

Table 1 - Analytical Summary Table (August 31, 2011 Samples)

Tables 2 through 6 - Comparison to Health Protective Screening Criteria

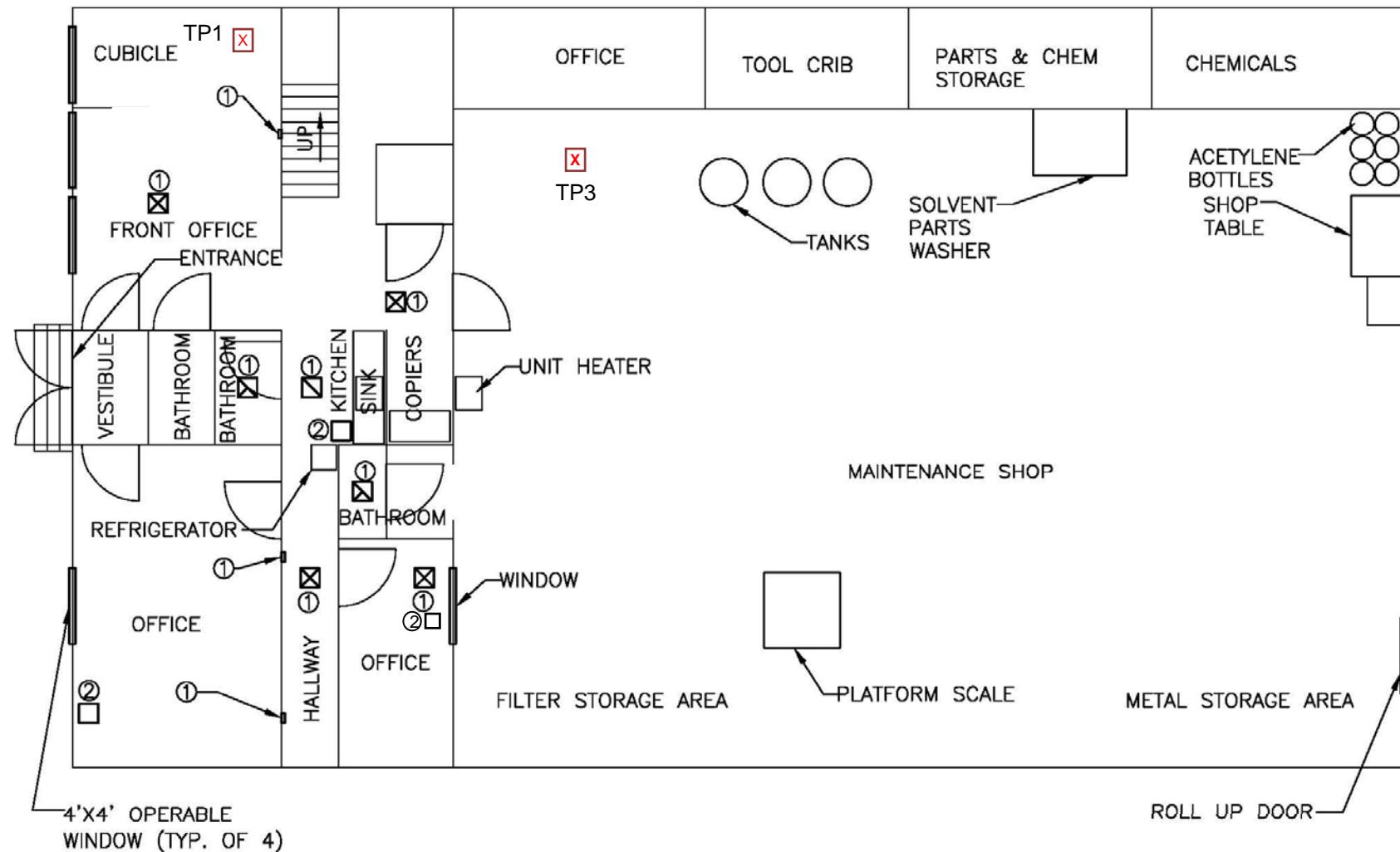
***Attachment C:* Graphs of TCE and PCE Concentrations (Terra Pave, Bishop, ROP, WCCS, and FRR)**

***Attachment D:* Laboratory Reports and Data Validation Memo**

Attachment A: Figures

LEGEND

- ① Diffuser
- ② Purifier (Installed December 2008, Approximate Location)
- ② Purifier (Installed February 2009, Approximate Location)
- ☒ Indoor Air Sample Location (TP1, TP2, TP3 Approximate)

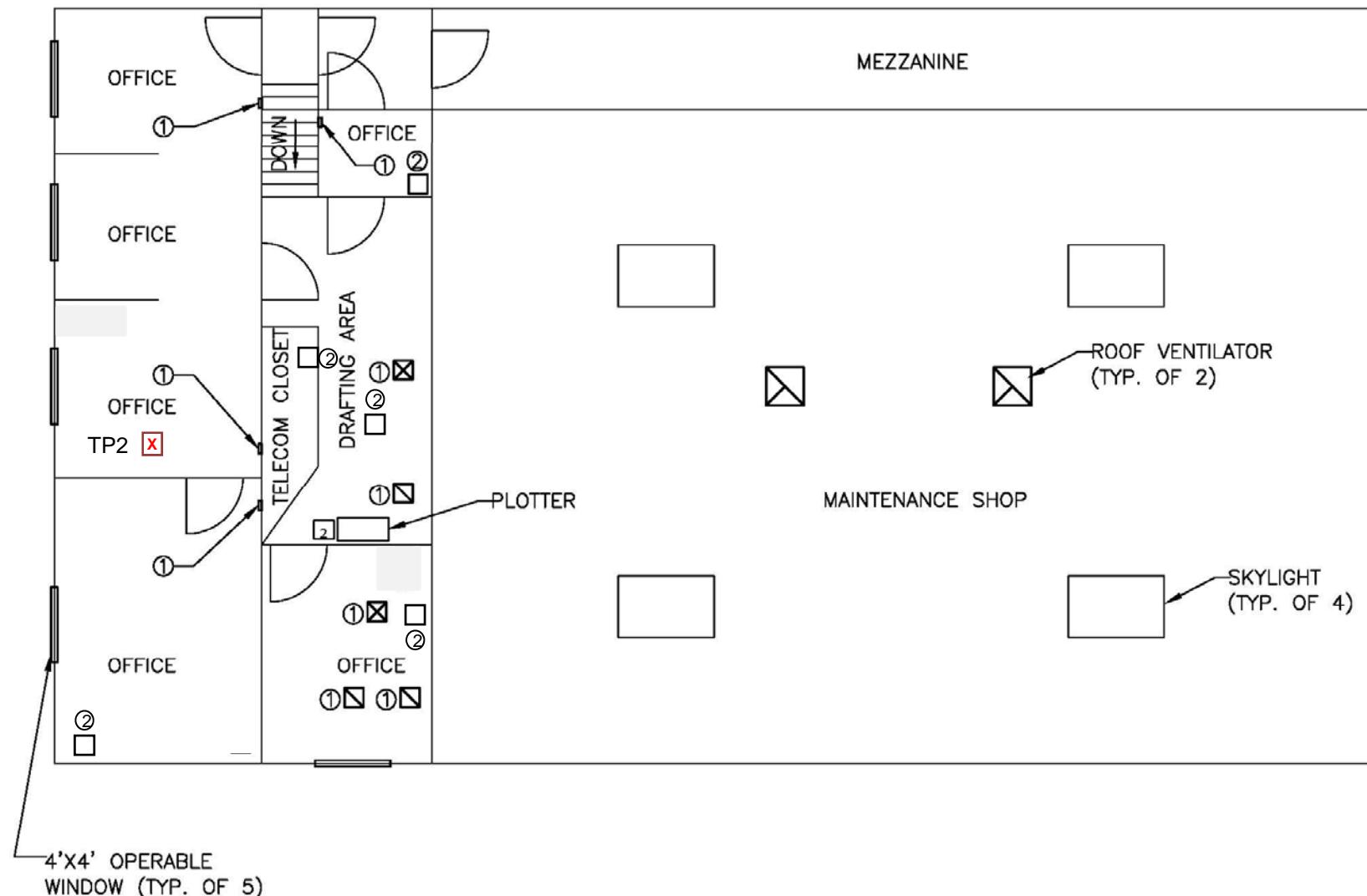


TERRA PAVE
NTS

Figure 1
Terra Pave – First Floor

LEGEND

- ① Diffuser
- ② Purifier (Installed December 2008, Approximate Location)
- ③ Purifier (Installed February 2009, Approximate Location)
- ☒ Indoor Air Sample Location (TP1, TP2, TP3 Approximate)



TERRA PAVE
NTS

Figure 2
Terra Pave – Second Floor

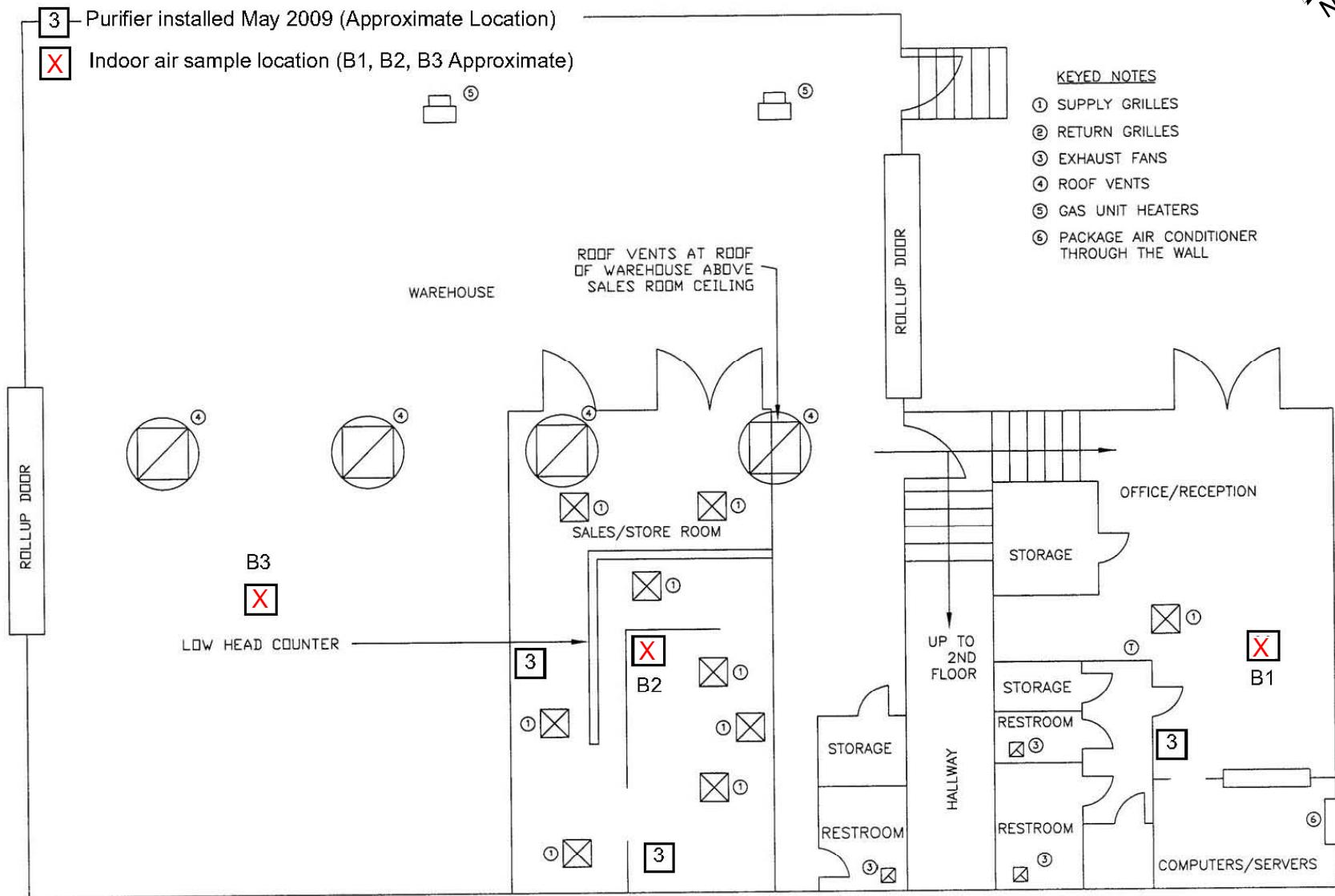
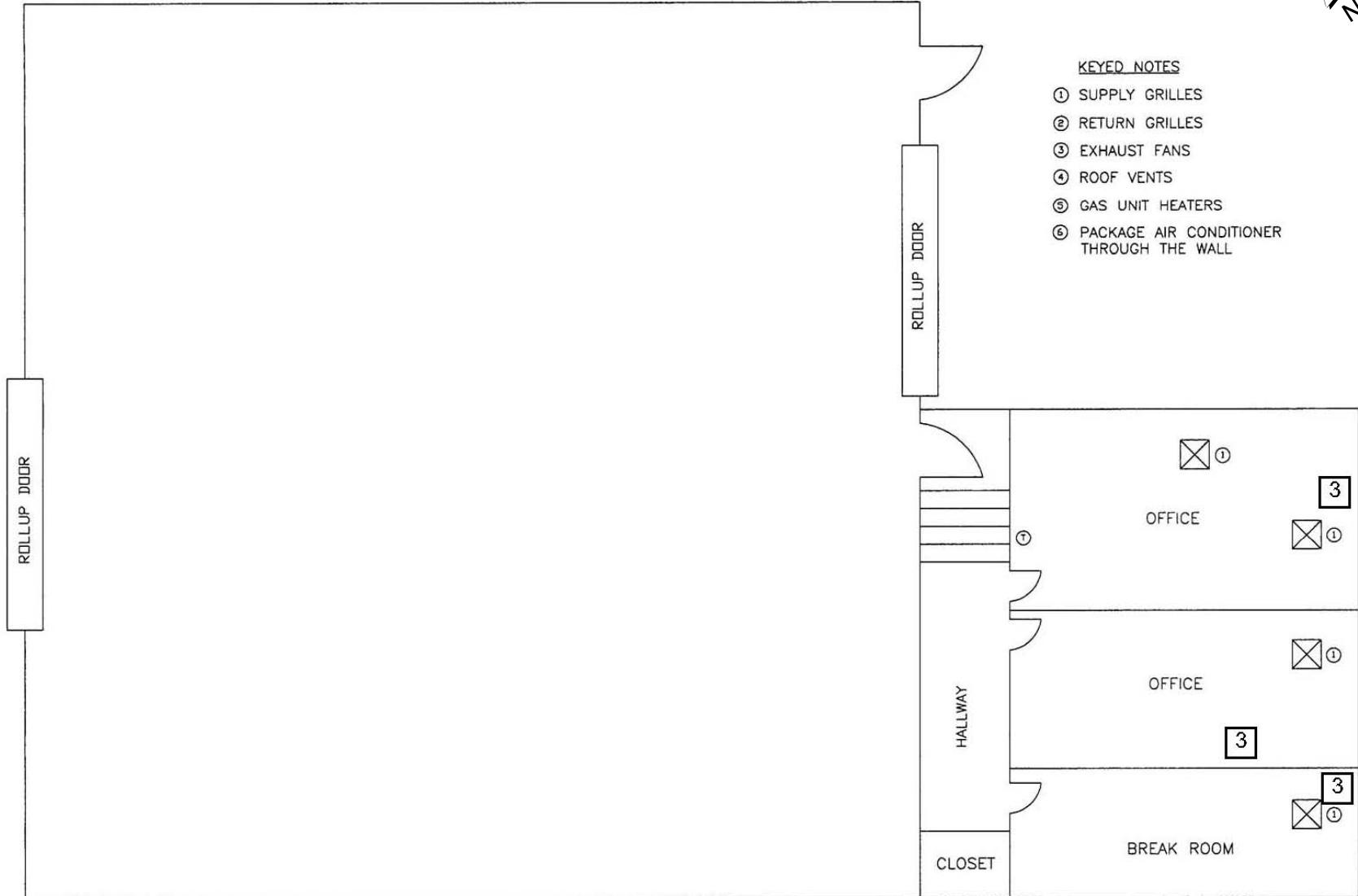


Figure 3
Bishop – First Floor



N

BISHOP COMPANY SECOND FLOOR
NTS

Figure 4
Bishop – Second Floor

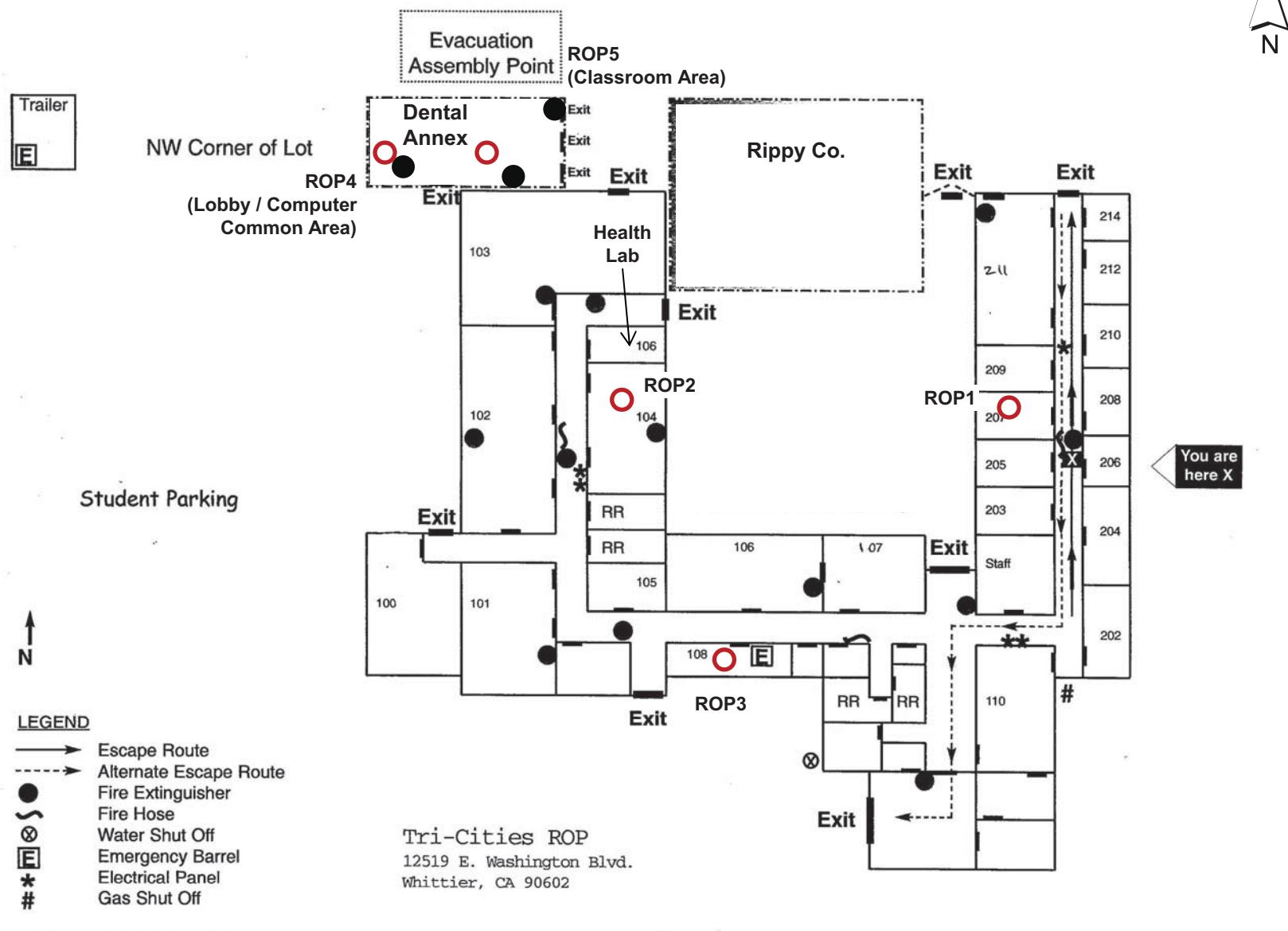


Figure 5
Regional Occupation Program

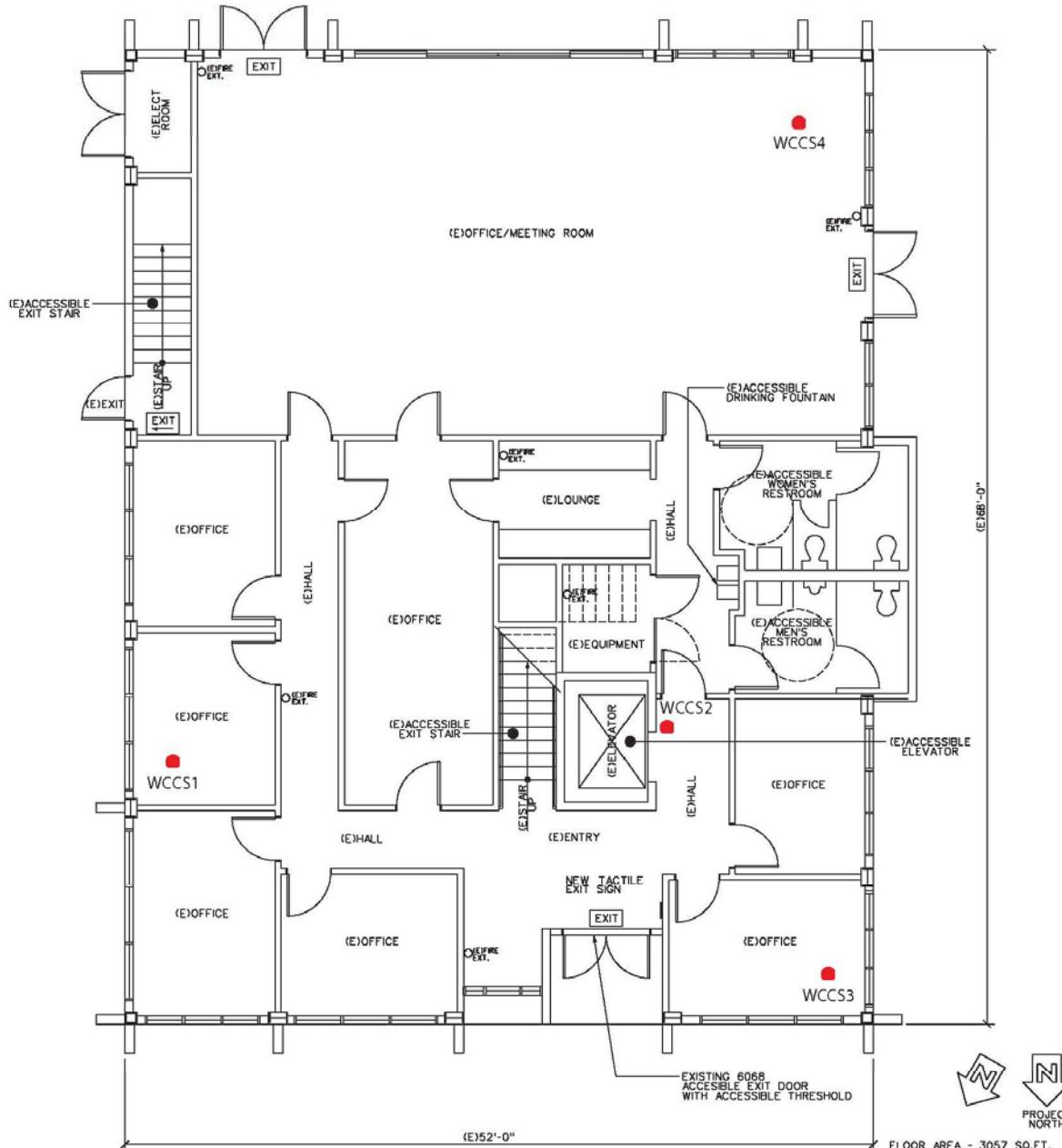


Figure 6
Women and Children's Crisis Shelter – First Floor

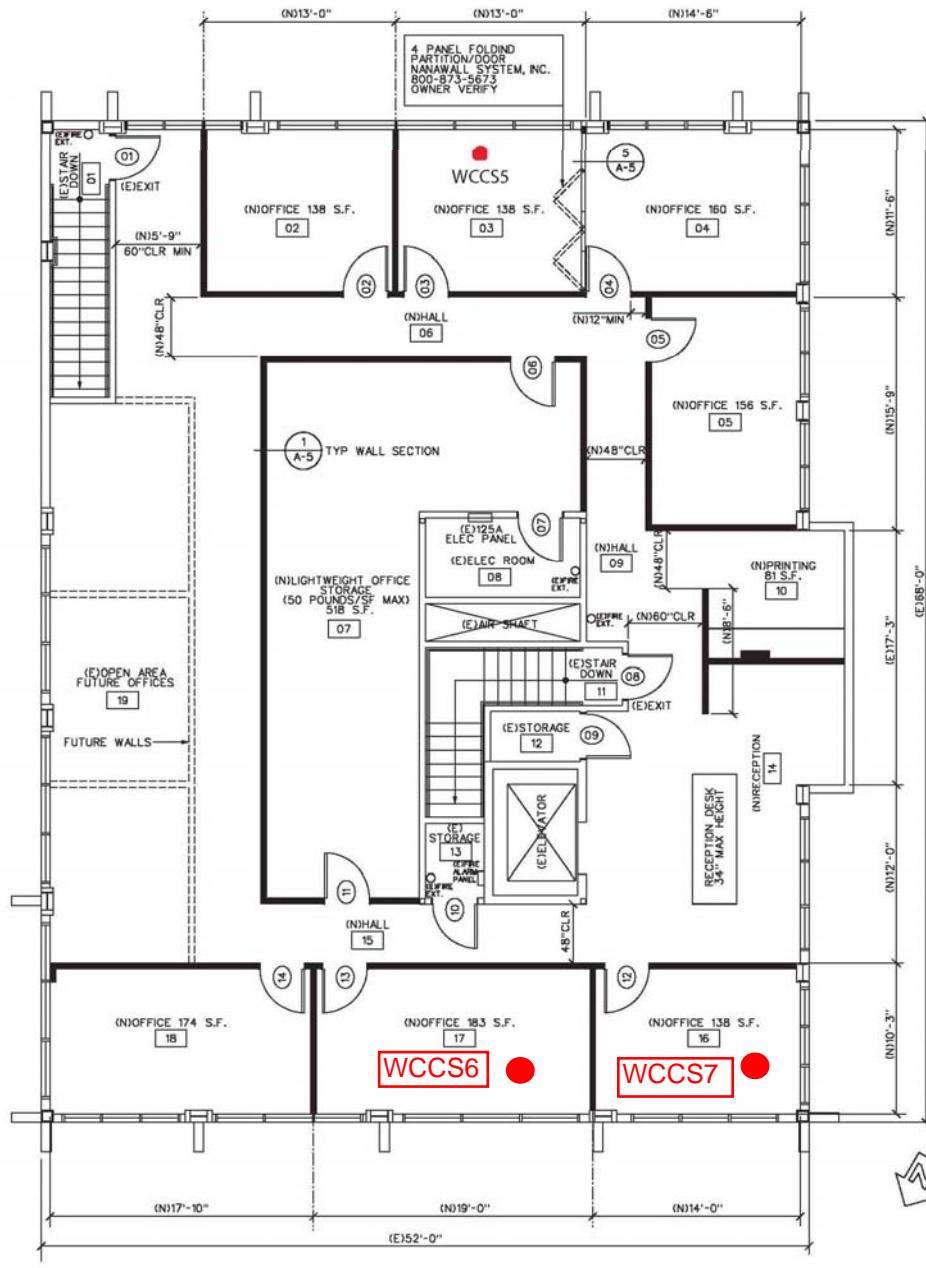
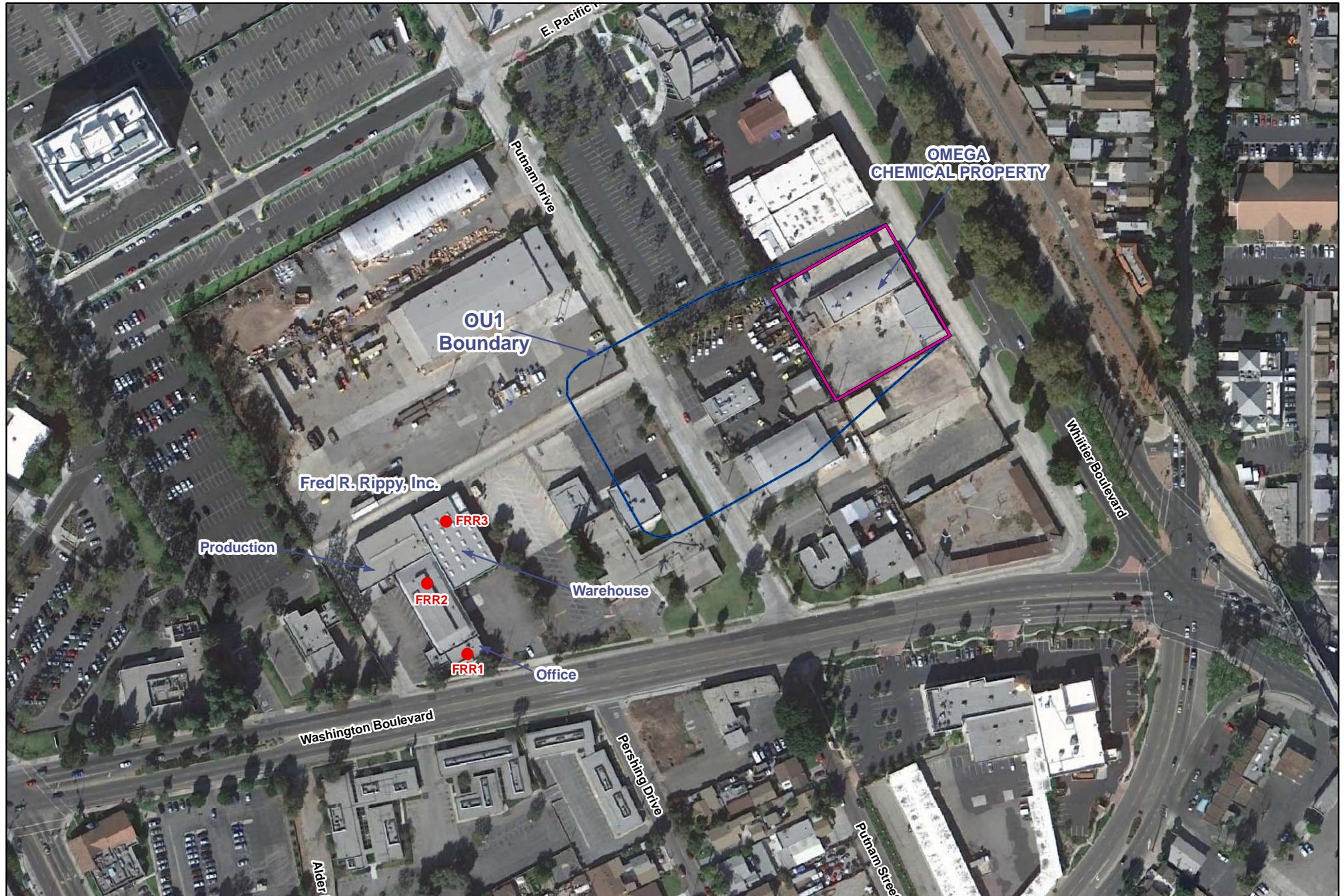


Figure 7
Women and Children's Crisis Shelter – Second Floor



Legend

- Pink Box: Omega Chemical Property
- Blue Line: Phase Ia Area



0 50 100 200
Feet

Figure 8
Fred R. Rippy – Aerial View

Attachment B: Tables

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Ambient																							
Between Star City and 3 Kings																							
05/11/04	ORIG	1.3 U	1 U	1 U	0.37 U	0.75 U	1.2 U	0.86 U	0.91 U	6.5 U	1.1 U	1.7	1.4 U	2.4	0.24 U	4000 E	1.5 U	6	0.79 J	2.8	1.2	3.4 U	
Between Star City and Medlin & Son																							
05/11/04	ORIG	1.2	1.1	1.1	0.66	0.22 U	0.5	0.25 U	0.27 U	1.9 U	0.33 U	1.7	1.8	2.6	0.07 U	28	0.82	7.8	0.63	2	0.77	0.98 U	
09/14/05	ORIG	1.7	0.4	0.2 U	0.45	0.15 U	0.62	0.17 U	0.18 U	1.3 U	0.22 U	2	1.5	1.8	0.048 U	46	0.86	4.6	0.63	2	0.51	0.67 U	
03/03/09	ORIG	0.91	0.24	0.19 U	0.27	0.14 U	0.52	0.16 U	0.17 U	1.3	0.21 U	2.2	1.1	2.5	0.045 U	44	1.4	7.4	0.92	3.1	1.1	0.63 U	
03/31/10	ORIG	2.1	0.17 U	0.2	0.1	0.16	0.38	0.15 U	0.16 U	1.1 U	0.19 U	1.1	0.78	2.1	0.041 U	11	0.53	1.4	0.18	0.54	0.18	0.58 U	
10/07/10	ORIG	0.43	0.18 U	0.19 U	0.21	0.14 U	0.44	0.16 U	0.16 J	1.2 U	0.2 U	1.2	0.98	2.5	0.044 U	26	0.96	2.9	0.41	1.1	0.38	0.62 U	
03/30/11	ORIG	0.32	0.18 U	0.18 U	0.067 U	0.14 U	0.45	0.15 U	0.17	2.7	0.2 U	1.6	0.59	2.7	0.043 U	24	1.3	4.9	0.57	1.7	0.56 J	0.6 U	
Bishop exterior fence																							
09/08/06	ORIG	0.66	0.18 U	0.19 U	0.56	0.14 U	0.57	0.16 U	0.17 U	1.2 U	0.2 U	1.8	1.5	3	0.044 U	38	1	16	0.68	2	0.74	0.62 U	
Exterior fence between parking lots near Dental Annex																							
05/27/10	ORIG	0.77	0.91	0.2 U	0.37 J	0.15 U	0.53	0.17 U	0.18 U	1.3 U	0.22 U	1.7	1.1	2.9	0.047 U	16	0.62	2.1	0.36	0.98	0.32	0.66 U	
07/01/10	ORIG	0.42	0.38	0.2 U	0.11	0.15	0.42	0.16 U	0.19	1.4	0.22 U	1.8	0.73	2.7	0.046 U	21	0.95	2.6	0.25	0.57	0.19	0.64 U	
07/28/10	ORIG	0.38	0.41	0.18 U	0.064 U	0.13 U	0.48	0.15 U	0.16 U	1.1	0.19 U	1.2	0.54	2	0.041 U	21	0.58	1.8	0.29	0.68	0.25	0.58 U	
08/27/10	ORIG	0.49	0.15 U	0.15 U	0.081	0.11 U	0.41	0.13 U	0.18	1	0.17 U	1.7 J	0.66	2.2	0.036 U	17	1.2	3.6	0.36	0.83	0.3	0.5 U	
10/07/10	ORIG	0.24 U	0.19 U	0.19 U	0.069 U	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.21 U	1.7	0.66	2.6	0.045 U	14	0.62	1.8	0.22	0.57	0.2	0.63 U	
10/27/10	ORIG	0.66	0.18 U	0.19 U	0.13	0.14 U	0.32	0.16 U	0.17 U	17	0.2 U	1.2	0.9	2.5	0.044 U	12	0.44	9.1	0.39	0.63	0.18	0.62 U	
11/30/10	ORIG	0.29	0.2 U	0.21 U	0.076 U	0.15 U	0.46 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.73	2.4	0.049 U	12	0.97	2.2	0.35	0.99	0.3	0.69 U	
12/28/10	ORIG	0.49	0.21 U	0.21 U	0.078 U	0.22	0.5 J	0.18 U	0.24	1.4 U	0.24 U	1.6	0.62	2.8	0.05 U	27	1.1	9.3	0.51	1.3	0.32	0.71 U	
01/26/11	ORIG	0.36	0.2 U	0.21 U	0.076 U	0.15 U	0.48 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.6	2.6	0.049 U	20	1	3.4	0.41	1.2	0.34	0.69 U	
02/28/11	ORIG	0.19 U	0.15 U	0.15 U	0.055 UJ	0.11 U	0.28	0.13 U	0.14 U	0.96 U	0.17 U	1.3	0.62	2.5	0.036 U	12	0.96	2.3	0.35	1	0.33	0.5 U	
03/30/11	ORIG	0.34	0.19 U	0.2 U	0.071 U	0.15	0.49	0.16 U	0.18	1.2	0.22 U	1.6	0.59	2.6	0.046 U	18	1.2	3.8	0.5	1.4	0.45 J	0.64 U	
04/29/11	ORIG	0.32	0.18 U	0.19 U	0.068 U	0.14 U	0.46	0.16 U	0.17 U	1.2 U	0.2 UJ	1.8	0.58	2.8	0.044 U	25	0.56	1.3	0.14 J	0.34	0.16	0.62 U	
05/31/11	ORIG	0.3	0.19 U	0.19 U	0.069 U	0.14 UJ	0.54 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2	0.65	2.7	0.045 U	12	0.85	2.3	0.28	0.81	0.31 J	0.63 U	
06/29/11	ORIG	0.25 U	0.2 U	0.2 U	0.074 U	0.15 U	0.52	0.17 U	0.18 U	1.3 U	0.22 UJ	1.2	0.56	2.5	0.048 U	13	0.59	1.8	0.29	0.84	0.32	0.67 U	
07/27/11	ORIG	0.34	0.18 U	0.18 U	0.067 U	0.14 U	0.54	0.15 U	0.16 U	1.2 U	0.2 UJ	1.3 J	0.52	2.5	0.043 U	12	0.39	1	0.18	0.5	0.19	0.6 U	
08/31/11	ORIG	0.37	0.19 U	0.2 U	0.071 U	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.22 UJ	2	0.61	3.1	0.046 U	17	0.53	1.5	0.22	0.54	0.2	0.64 U	
Exterior fence between Terra Pave and Madsen Roofing																							
07/23/08	ORIG	1.3	0.25	0.2 U	0.074 U	0.15 U	0.44	0.17 U	0.18 U	1.3 U	0.22 U	1.3	0.96	2.3	0.048 U	15	1	4.8	0.64	2	0.65	0.67 U	
03/03/09	ORIG	1.2	0.29	0.2 U	0.17	0.15 U	0.51	0.17 U	0.18 U	1.3 U	0.22 U	2.5	0.77	2.4	0.048 U	32	1.4	19	0.61	2	0.75	0.67 U	
07/16/09	ORIG	1.1	0.18 U	0.19 U	0.084	0.14 U	0.57	0.16 U	0.17 U	1.2 U	0.2 U	1.6	0.56	2.5	0.044 U	48	1.2	19	0.51	1.3	0.45	0.62 U	
08/25/09	ORIG	7.9	0.86	0.86 U	0.52	0.64 U	0.99 U	0.73 U	0.77 U	5.5 U	0.95 U	2.2	1.4	3	0.2 U	870 E	3.5	410	2.1	7.2	2.4	2.8 U	
09/30/09	ORIG	4.5	0.47	0.4 U	0.41	0.3 U	0.63	0.34 U	0.36 U	2.5 U	0.44 U	1.6	1.3 J	2.9	0.093 U	31	2.3	20	3.5	13	4.5	1.3 U	

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	10/29/09	ORIG	9.1	0.78	0.38 U	0.53 J	0.28 U	0.52	0.32 U	0.34 U	3.1	0.42 U	1.8	5	2.7	0.089 U	250 E	2.5	170	2.1	6.7	2.4	1.3 U
	11/24/09	ORIG	8.7	0.66	0.2 U	0.72	0.15 U	0.46	0.17 U	0.18 U	2.8	0.22 U	1.3	1.3	2.5	0.048 U	32	7.3	40	10	40	12	0.67 U
	12/28/09	ORIG	1.9	0.19 U	0.19 U	0.22	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	1.5	0.82	2.4	0.045 U	140 E	0.89	3.5	2.4	7.8	2	0.63 U
	01/27/10	ORIG	3	0.28	0.21 U	0.28	0.15 U	0.48	0.18 U	0.19 U	2.7	0.23 U	1.6	0.73	2.5	0.049 U	16	1.1	4.7	1	3.4	1.2	0.69 U
	02/24/10	ORIG	2.8	0.43	0.16 U	0.24	0.12 U	0.51	0.14 U	0.15 U	1.8	0.18 U	1.5	0.77	2.9 J	0.039 U	130 E	1.8	32	3.6	17	6.8	0.55 U
	03/31/10	ORIG	5.1	0.37	0.19 U	0.46	0.2	0.41	0.16 U	0.17 U	2.1	0.21 U	1.1	0.87	2.1	0.045 U	12	6.6	38	5.3	24	6.7	0.63 U
	04/28/10	ORIG	2.4	0.34	0.18 U	0.22 J	0.14 U	0.4	0.15 U	0.16 U	7.2	0.2 U	1.2	0.78 J	2.4	0.043 U	16	0.4	4.8	0.14 J	0.38	0.14 U	0.6 U
	05/27/10	ORIG	0.99	0.18 U	0.19 U	0.31	0.14 U	0.55	0.16 U	0.17 U	1.2 U	0.2 U	1.8	1.1	3.1	0.044 U	17	1.1	4.5	0.65	1.8	0.58	0.62 U
	06/18/10	ORIG	0.23 U	0.18 U	0.19 U	0.068 U	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.2 U	1.3	0.56	2.3	0.044 U	31	1	5.1	0.5	1.4	0.45	0.62 U
	06/24/10	ORIG	0.32	0.19 U	0.2 U	0.071 U	0.14 U	0.38	0.16 U	0.17 U	1.2 U	0.22 U	1.5	0.57	2.4	0.046 U	25	1.9	6.6	0.53	1.5	0.5	0.64 U
	07/01/10	ORIG	0.34	0.19 U	0.19 U	0.069 U	0.14 U	0.42	0.16 U	0.17 U	1.9	0.21 U	1.7	0.66	2.6	0.045 U	62	2.1	8.4	0.71	2	0.68	0.63 U
	07/08/10	ORIG	0.23	0.18 U	0.18 U	0.067 U	0.14 UJ	0.42	0.15 U	0.16 U	1.9	0.2 U	1.7	0.68	2.7	0.043 U	33	0.9	3	0.31	0.82	0.28	0.6 U
	07/28/10	ORIG	0.36	0.15 U	0.15 U	0.055 U	0.11 U	0.42	0.13 U	0.14 U	1.2	0.17 U	1.3	0.46	2	0.036 U	17	1.9	7.2	1	3.7	1.4	0.5 U
	08/27/10	ORIG	0.34	0.19 U	0.2 U	0.071 U	0.14 U	0.42	0.16 U	0.17 U	1.3	0.22 U	1.6 J	0.67	2.4	0.046 U	14	1.6	5.9	0.52	1.3	0.42	0.64 U
	10/27/10	ORIG	0.25 U	0.2 U	0.2 U	0.074 U	0.15 U	0.45	0.17 U	0.18 U	1.3 U	0.22 U	1.4	2.1	2.5	0.048 U	10	0.48	1.3	0.31	1.1	0.39	0.67 U
	11/30/10	ORIG	0.47	0.19 U	0.19 U	0.069 U	0.18	0.46 J	0.16 U	0.17 U	1.2 U	0.21 U	1	0.55	2.3	0.045 U	130 E	3.5	14	2.4	8.7	2.9	0.63 U
	12/28/10	ORIG	0.51	0.2 U	0.21 U	0.076 U	0.2	0.45 J	0.18 U	0.19 U	1.3 U	0.23 U	1.6	0.61	2.8	0.049 U	18	1.1	9.6	0.5	1.4	0.47	0.69 U
	01/26/11	ORIG	0.6	0.18 U	0.18 U	0.067 U	0.14 U	0.46 J	0.15 U	0.16 U	2.3	0.2 U	1.3	0.56	2.5	0.043 U	170 E	4.1	32	2.5	9.1	2.6	0.6 U
	02/28/11	ORIG	0.34	0.18 U	0.18 U	0.065 UJ	0.14	0.48	0.15 U	0.16 U	3.6	0.2 U	1.2	0.57	2.4	0.042 U	260 E	3.5	63	4.9	14	3.2	0.59 U
	04/29/11	ORIG	0.3	0.18 U	0.19 U	0.068 U	0.14 U	0.42	0.16 U	0.17 U	1.2	0.2 UJ	1.9	0.63	2.8	0.044 U	10	0.92	2.8	0.32	0.9	0.28	0.62 U
	05/31/11	ORIG	0.74	0.19 U	0.19 U	0.087	0.15 J	0.52 J	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.64	2.6	0.045 U	15	3.7	15	1.4	4.9	1.5 J	0.63 U
	06/29/11	ORIG	0.41	0.17 U	0.17 U	0.062 U	0.13 U	0.57	0.14 U	0.15 U	2.3	0.19 UJ	1.1	0.36	2.6	0.04 U	20	6.1	31	5.8	22	8	0.56 U
	07/27/11	ORIG	0.4	0.19 U	0.2 U	0.071 U	0.16	0.49	0.16 U	0.17 U	1.2 U	0.22 UJ	1.2 J	0.51	2.3	0.046 U	7.7	1.6	4.2	0.51	1.7	0.58	0.64 U
	08/31/11	ORIG	0.67	0.21 U	0.21 U	0.087	0.16 U	0.58	0.18 U	0.19 U	1.4 U	0.23 UJ	1.6	0.64	2.9	0.05 U	24	2.4	25	5.7	25	8.2	0.7 U
Former Merchants Metals																							
	05/11/04	ORIG	0.6	0.23	0.2 U	0.074 U	0.15 U	0.58	0.17 U	0.18 U	1.3 U	0.4	1.6	0.73	2.6	0.048 U	15	1	5.1	0.78	2.3	0.87	0.67 U
Medlin & Son roof intake																							
	05/11/04	ORIG	0.55	0.2 U	0.2 U	0.15	0.15 U	0.59	0.17 U	0.18 U	2.1	0.22 U	1.9	1.3	3.4	0.046 U	19	0.91	5.5	0.79	2.1	0.8	0.66 U
Oncology Care Rooftop																							
	09/08/06	ORIG	0.32	0.19 U	0.19 U	0.069 U	0.14 U	0.53	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.74	2.7	0.045 U	38	1.2	4.4	0.87	2.9	1.1	0.63 U
Outside rear of Madsen Roofing building by AC intake																							
	07/23/08	ORIG	0.99	0.23 U	0.23 U	0.18	0.17 U	0.45	0.2 U	0.21 U	1.5 U	0.25 U	1.3	1.2	2.4	0.054 U	18	1.2	6.6	1.3	3.7	0.95	0.76 U
Rippy Parking Lot																							
	05/11/04	ORIG	0.86	0.48	0.2 U	0.16	0.15 U	0.5	0.17 U	0.18 U	1.3 U	0.22 U	1.7	1.1	2.7	0.048 U	19	1.3	6.7	1.4	5	1.9	0.67 U
	05/11/04	DUP	0.57	0.42	0.16 U	0.12	0.12 U	0.6	0.14 U	0.14 U	1 U	0.18 U	1.8	1.1	2.9	0.038 U	14	0.9	3.3	0.47	1.5	0.52	0.54 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/14/05	ORIG	0.84	0.42	0.2 U	0.13	0.15 U	0.63	0.17 U	0.18 U	1.3 U	0.22 U	1.8	1.4	2	0.047 U	14	0.99	3.7	0.45	1.3	0.45	0.66 U
Southwest corner of ROP building rooftop																							
	07/27/11	ORIG	0.23 U	0.18 U	0.19 U	0.068 U	0.14 U	0.5 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	0.5	2.4	0.044 U	11	0.39	1.2	0.2	0.61	0.23	0.62 U
3 Kings Construction																							
Interior office area																							
	05/11/04	ORIG	3.2	0.92	0.22	2.7	0.14 U	0.58	0.16 U	0.25	2.1	0.2 U	3	4.1	2.6	0.044 U	28	6	40	4.4	20	5.6	0.62 U
	09/14/05	ORIG	7.6	2.2	0.2 U	4.9	0.15 U	0.57	0.17 U	0.18 U	49	0.22 U	3.8	4.2	1.4	0.048 U	24	2.8	36	3.2	14	2.9	0.67 U
Storage and work area																							
	05/11/04	ORIG	1	0.25	0.21	0.7	0.13 U	0.59	0.15 U	0.16 U	1.8	0.2 U	2	1.6	2.7	0.043 U	37	5.1	34	3.8	18	5	0.6 U
	09/14/05	ORIG	13	3.3	0.51 U	9.2	0.38 U	0.65	0.43 U	0.46 U	260	0.56 U	5.9	6.8	3.1	0.12 U	50	11	170	16	82	17	1.7 U
Bishop																							
Admin Office																							
	09/08/06	ORIG	9.3	0.5	0.34 U	5.3	0.25 U	0.57	0.28 U	0.3 U	2.2 U	0.37 U	2.3	3.9	3.1	0.079 U	64	1.2	6.5	0.72	2.4	0.93	1.1 U
	09/08/06	DUP	11	0.56	0.16 U	5.8	0.12 U	0.58	0.14 U	0.15	1 J	0.32	2.4	4	2.9	0.038 U	18	1.1	7.7	0.9	3	1.1	0.54 U
	03/03/09	ORIG	110	4.5	0.17 U	44	0.12 U	0.51	0.14 U	0.16	1.1 U	0.19 U	9.1	35	2.3	0.04 U	13	1	4.7	0.61	2	0.75	0.56 U
	03/03/09	EPA	149.2	5.9 J	10.4 U	51.5	7.7 U	12 U	8.7 U	9.3 U	6.6 U	11.4 U	10.1 J	39.9	9.4 U	4.9 U	--	6.1 U	4.1 J	8.3 U	16.9 U	8.3 U	--
	03/03/09	DUP	110	4.6	0.18 U	44	0.13 U	0.54	0.15 U	0.16 J	1.1 U	0.2 U	9.5	36	2.4	0.042 U	14	1	4.7	0.61	2	0.76	0.59 U
	07/16/09	ORIG	14	0.71	0.19 U	2.9	0.14 U	0.58	0.16 U	0.18	1.2 U	0.2 U	2	1.8	2.4	0.044 U	24 J	1	4.2	0.47	1.2	0.43	0.62 U
	07/16/09	DUP	14	0.74	0.18 U	3	0.14 U	0.58	0.15 U	0.18	1.2 U	0.2 U	2	1.7	2.4	0.043 U	37 J	1.1	4.5	0.48	1.2	0.44	0.6 U
	08/25/09	ORIG	3.8	0.59	0.18 U	0.58 J	0.13 J	0.52	0.15 U	0.31	1.4	0.2 U	1.8	0.97	2.6	0.042 U	40 J	2.4	8.7	0.79	2.1 J	0.69 J	0.59 U
	08/25/09	DUP	3.5	0.68	0.19 U	0.74 J	0.17	0.79	0.79 U	0.33	1.6	1 U	1.8	1.3 U	2.3	0.044 U	28 J	2.4	7.8	0.93	2.6 J	1 J	0.62 U
	09/30/09	ORIG	6.5	0.58	0.18 U	1.3	0.13 U	0.58	0.15 U	0.16 U	5.9	0.2 U	1.6	1.7 J	2.6	0.042 U	21 J	0.83	3.8	0.41	0.9	0.32	0.59 U
	09/30/09	DUP	6.3	0.59	0.2 U	1.2	0.14 U	0.62	0.16 U	0.17 U	6.1	0.22 U	1.6	1.8 J	2.9	0.046 U	16 J	0.85	4.2	0.39	0.85	0.3	0.64 U
	10/29/09	ORIG	55	2.4	0.18 U	8 J	0.14 U	0.53	0.15 U	0.18	1.2 U	0.2 U	2.4	9.5	2.4	0.043 U	13	1.8	7	0.72	2.1	0.7	0.6 U
	10/29/09	DUP	55	2.4	0.18 U	8.4 J	0.14 U	0.49	0.15 U	0.18	1.2 U	0.2 U	2.5	9.8	2.4	0.043 U	14	1.8	7.2	0.72	2.2	0.73	0.6 U
	11/24/09	ORIG	140	5.6	0.25 U	26	0.18 U	0.47	0.21 U	0.36	3.4	0.27 U	5.4	15	2.6	0.058 U	25	2.5	36 J	2.4 J	5.4 J	2 J	0.81 U
	11/24/09	DUP	160	5.9	0.26 U	28	0.19 U	0.49	0.22 U	0.34	1.7 U	0.29 U	4.6	15	2.5	0.061 U	25	2.4	9.7 J	1.5 J	4.4 J	1.5 J	0.86 U
	12/28/09	ORIG	210	8.2	0.22 U	61	0.16 U	0.46	0.19 U	0.24	1.4 U	0.25 U	13	40	2.5	0.052 U	18 J	0.97	4.2	0.6	1.8	0.61	0.74 U
	12/28/09	DUP	220	8.4	0.24 U	61	0.18 U	0.46	0.21 U	0.24	1.6 U	0.27 U	13	40	2.5	0.057 U	28 J	0.95	4.5	0.7	2.1	0.76	0.81 U
	01/27/10	ORIG	220	8.1	0.4 U	60	0.3 U	0.5	0.34 U	0.36 U	2.5 U	0.44 U	14	44	2.4	0.094 U	14	1	3.4	0.51	1.3	0.47	1.3 U
	01/27/10	DUP	210	7.8	0.21 U	57	0.16 U	0.48	0.18 U	0.24	2.1	0.24 U	13	41	2.6	0.05 U	18	1	3.5	0.5	1.3	0.45	0.71 U
	02/24/10	ORIG	60	2.5	0.18 U	21	0.14 U	0.51	0.15 U	0.16 U	3.2	0.2 U	4.8	15	3.2 J	0.043 U	18 J	1.3	4.1 J	0.66	2	0.7	0.6 U
	02/24/10	DUP	60	2.5	0.17 U	22	0.12 U	0.54	0.14 U	0.16	3.4	0.19 U	5.1	16	3.2 J	0.04 U	13 J	1.4	5.3 J	0.67	2.1	0.69	0.56 U
	03/31/10	ORIG	94	3.6	0.18 U	28	0.13 U	0.39	0.15 U	0.16 U	1.1 U	0.2 U	5.2	21	2.1	0.042 U	12	0.47	1.2	0.18	0.44	0.16	0.59 U
	03/31/10	DUP	96	3.7	0.2 U	27	0.14 U	0.4	0.16 U	0.17 U	1.2 U	0.22 U	5.5	22	2.2	0.046 U	13	0.48	1.2	0.17	0.44	0.16	0.64 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE	
	04/28/10	ORIG	28	1.4	0.21 U	6.3 J	0.16 U	0.42	0.18 U	0.19 U	1.8 J	0.24 U	2.3	5.8 J	2.4	0.05 U	8.8	0.37	1.4 J	0.17 U	0.34 U	0.17 U	0.71 U	
	04/28/10	DUP	28	1.4	0.2 U	6.6 J	0.2	0.43	0.17 U	0.18 U	2.4 J	0.22 U	2.4	5.8 J	2.5	0.048 U	9.9	0.41	16 J	0.27	0.38	0.16 U	0.67 U	
	05/27/10	ORIG	84	3.2	0.2 U	28	0.14 U	0.53	0.16 U	0.18	1.2 U	0.22 U	4.6	15	2.8	0.046 U	22	0.64	2.5	0.32	0.75	0.26	0.64 U	
	06/18/10	ORIG	1.1	0.17 U	0.18 U	0.065	0.13 U	0.37	0.15 U	0.16 U	1.1 U	0.19 U	1.2	0.55	2.2	0.041 U	27 J	0.44	2.2	0.2	0.44	0.22	0.22 U	0.58 U
	06/18/10	DUP	1.1	0.17 U	0.18 U	0.086	0.13 U	0.39	0.15 U	0.16 U	1.1 U	0.19 U	1.4	0.63	2.4	0.041 U	19 J	0.43	2.2	0.18	0.4	0.15	0.15 U	0.58 U
	06/24/10	ORIG	0.8	0.18 U	0.18 U	0.067 U	0.14 U	0.32	0.15 U	0.16 U	1.2 U	0.2 U	1.6	0.63	2.7	0.043 U	22 J	0.69	3.4	0.22	0.42	0.14 U	0.6 U	
	06/24/10	DUP	0.77	0.18 U	0.18 U	0.067 U	0.14 U	0.43	0.15 U	0.16 U	1.2 U	0.2 U	1.5	0.59	2.5	0.043 U	34 J	0.65	3.2	0.21	0.42	0.15	0.6 U	
	07/01/10	ORIG	0.83	0.17 U	0.18 U	0.072	0.13 U	0.4	0.15 U	0.17	1.5	0.19 U	1.7	0.63	2.6	0.041 U	44	0.93	4.3	0.3	0.67	0.3	0.58 U	
	07/08/10	ORIG	0.4	0.19 U	0.19 U	0.069 U	0.14 UJ	0.4	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.72	2.5	0.045 U	20 J	0.6	1.7	0.17	0.38	0.19	0.63 U	
	07/08/10	DUP	0.41	0.19 U	0.19 U	0.069 U	0.14 UJ	0.4	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.69	2.5	0.045 U	32 J	0.58	1.7	0.16	0.34	0.16	0.63 U	
	07/28/10	ORIG	0.61	0.17 U	0.17 U	0.063 U	0.13 U	0.42	0.14 U	0.15 U	1.1 U	0.19 U	1.2	0.46	2.1	0.04 U	28	0.82	2.6	0.34	0.87	0.34	0.57 U	
	08/27/10	ORIG	0.5	0.16 U	0.16 U	0.068	0.12 U	0.42	0.13 U	0.18	1.6	0.18 U	1.6 J	0.71	2.4	0.037 U	18	0.95	3.3	0.37	0.9	0.29	0.53 U	
	09/29/10	ORIG	0.68	0.16 U	0.16 U	0.38 J	0.14	0.44	0.14 U	0.19	1.4	0.18 U	2.1	1	2.8	0.039 U	32	1.5	4.7	0.65	1.6	0.64	0.55 U	
	09/29/10	DUP	0.71	0.18 U	0.18 U	0.17 J	0.14 U	0.53	0.15 U	0.18	1.4	0.2 U	1.9	0.82	2.7	0.043 U	30	1.5	4.6	0.67	1.8	0.65	0.6 U	
	10/27/10	ORIG	1.3	0.15 U	0.15 U	0.59	0.11 U	0.46	0.12 U	0.3	1.5	0.16 U	2.3	3.6	2.9	0.035 U	24	5.5	15	2.1	7.3	2.2	0.49 U	
	11/30/10	ORIG	0.75	0.18 U	0.18 U	0.11	0.18	0.44 J	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.57	2.4	0.042 U	14	2.1	5.8	1	3.4	1.1	0.59 U	
	12/28/10	ORIG	1.2	0.14 U	0.15 U	0.21	0.18	0.82 J	0.12 U	0.18	1	0.16 U	1.5	0.73	2.7	0.034 U	18	4.5	13	1.6	5.4	1.6	0.48 U	
	01/26/11	ORIG	1.2	0.18 U	0.19 U	0.1	0.14 U	0.49 J	0.16 U	0.19	2.8	0.2 U	1.7	0.75	2.7	0.044 U	33	2.4	7.1	0.97	2.9	0.86	0.62 U	
	02/28/11	ORIG	0.64	0.19 U	0.2 U	0.12 J	0.14	0.4	0.16 U	0.17 U	1.2 U	0.22 U	1.5	0.62	2.4	0.046 U	12	1.3	3.2	0.51	1.6	0.55	0.64 U	
	03/30/11	ORIG	0.79	0.18 U	0.19 U	0.14 J	0.16	0.46	0.16 U	0.7	1.6	0.26	1.4	0.59	2.4	0.044 U	22	1.4	5.6	0.71	2.1	0.85	0.62 U	
	03/30/11	DUP	0.81	0.18 U	0.19 U	0.14 J	0.17	0.47	0.16 U	0.74	1.6	0.2 U	1.4	0.6	2.5	0.044 U	21	1.4	5.8	0.69	2.1	0.73	0.62 U	
	04/29/11	ORIG	0.26	0.17 U	0.17 U	0.061 U	0.16	0.5 J	0.14 U	1.7	3	0.19 J	2 J	1.1	3	0.04 U	18	0.62	2	0.27	0.66	0.26	0.56 U	
	05/31/11	ORIG	0.92	0.2 U	0.2 U	0.12	0.15 UJ	0.55 J	0.17 U	0.22	1.3 U	0.22 U	1.2	1	2.6	0.047 U	16	1.2	4.2	0.56	1.7	0.61 J	0.66 U	
	05/31/11	DUP	0.92	0.18 U	0.18 U	0.12	0.14 J	0.55 J	0.15 U	0.23	1.1 U	0.2 U	1.1	1	2.6	0.042 U	18	1.3	4.8	0.58	1.8	0.63 J	0.59 U	
	06/29/11	ORIG	0.69	0.18 U	0.18 U	0.067 U	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	1	2.5	0.043 U	21	0.7	2.5	0.4	1.2	0.54	0.61 U	
	06/29/11	DUP	0.67	0.18 U	0.18 U	0.067 U	0.14	0.52	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	1	2.5	0.043 U	18	0.63	0.13 U	0.4	1.2	0.54	0.6 U	
	07/27/11	ORIG	0.34	0.18 U	0.19 U	0.068 U	0.14 U	0.53 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.2	1.5	2.4	0.044 U	12	0.39	1.4 J	0.22	0.66	0.25	0.62 U	
	07/27/11	DUP	0.29	0.18 U	0.19 U	0.068 U	0.14 U	0.53 J	0.16 U	0.17 U	1.2 U	0.2 UJ	1.3	1.6	2.6	0.044 U	12	0.36	0.8 J	0.15 U	0.3 U	0.15 U	0.62 U	
	08/31/11	ORIG	0.57	0.17 U	0.18 U	0.064 U	0.16	0.63	0.15 U	0.16 U	1.1 U	0.19 UJ	1.9	1.4	3	0.041 U	19	0.6	2.5	0.3	0.83	0.31	0.58 U	
	08/31/11	DUP	0.56	0.17 U	0.17 U	0.061 U	0.14	0.63	0.14 U	0.15 U	1.5	0.19 UJ	1.9	1.4	2.9	0.04 U	20	0.61	2.5	0.3	0.84	0.33	0.56 U	
Interior Store																								
	09/08/06	ORIG	29	1.5	0.19	14	0.13 U	0.51	0.15 U	0.18	1.7	0.21	3.7	10	2.7	0.041 U	28	1.2	8.4	1.7	4.9	1.7	0.67	
	03/03/09	ORIG	72	3.9	0.2 U	31	0.15 U	0.52	0.17 U	0.24	1.8	0.22 U	7.2	21	2.4	0.047 U	24	1.8	9.8	2.4	6.6	2.2	0.69	
	07/16/09	ORIG	16	0.89	0.18 U	3.9	0.13 U	0.58	0.15 U	0.22	1.5	0.2 U	2.2	2.5	2.5	0.042 U	26	1.5	7.8	1	3	0.83	0.59 U	
	08/25/09	ORIG	17	1.3	0.28 U	4	0.21 U	0.49	1.2 U	0.33	2.4	1.6 U	2.2	2.9	2.4	0.066 U	71	2.6	8.8	1.6	4.3	1.7	0.93 U	

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	09/30/09	ORIG	36	2	0.19 U	7.8	0.14 U	0.61	0.16 U	0.21	7.9	0.21 U	2.3	5.9 J	2.7	0.045 U	32	1.1	5.8	0.85	2.3	0.7	0.63 U
	10/29/09	ORIG	82	3.9	0.18 U	14 J	0.14 U	0.51	0.15 U	0.27	2	0.2 U	3.6	15	2.3	0.043 U	26	2.5	9.7	1.4	4.3	1.3	0.6 U
	11/24/09	ORIG	130	6.6	0.23	34	0.15 U	0.49	0.17 U	0.44	2.8	0.23	7	22	2.7	0.047 U	35	3.3	19	2.6	8.1	2.6	0.66 U
	12/28/09	ORIG	180	9.7	0.36	69	0.18 U	0.44	0.2 U	0.46	1.6	0.26 U	15	44	2.6	0.056 U	40	1.5	7.4	1.6	4.6	1.5	0.79 U
	01/27/10	ORIG	100	5.4	0.23	34	0.14 U	0.48	0.16 U	0.41	3.1	0.22 U	7.6 J	19	2.5	0.046 U	30	1.7	10	1.5	4.2	1.3	0.64 U
	02/24/10	ORIG	40	2.1	0.2 U	14	0.14 U	0.53	0.16 U	0.19	5	0.22 U	3.5	8.9	2.6 J	0.046 U	16	1.5	5.4	0.86	2.8	0.91	0.64 U
	03/31/10	ORIG	16 J	0.95 J	0.15 UJ	6.1 J	0.13 J	0.44 J	0.12 UJ	0.13 UJ	1.1 J	0.16 UJ	2.1 J	4.4 J	2.2 J	0.034 UJ	14 J	0.65 J	7.3 J	0.41 J	0.97 J	0.3 J	0.48 UJ
	04/28/10	ORIG	23	1.4	0.19 U	6.9 J	0.14 U	0.41	0.16 U	0.17 U	3.4	0.2 U	2.2	4.8 J	2.4	0.044 U	19	0.47	1.6	0.37	0.8	0.22	0.62 U
	05/27/10	ORIG	26	1.3	0.18 U	8.5 J	0.13 U	0.53	0.15 U	0.2	1.4	0.19 U	2.7	5.2	2.8	0.041 U	18	0.72	3.8	0.63	1.5	0.46	0.58 U
	06/18/10	ORIG	1.8	0.17 U	0.17 U	0.24	0.12	0.38	0.14 U	0.16	1.1 U	0.19 U	1.4	0.7	2.3	0.04 U	22	0.61	3.7	0.35	0.84	0.36	0.56 U
	06/24/10	ORIG	1.3	0.18 U	0.18 U	0.22	0.13 U	0.42	0.15 U	0.16 U	1.3	0.2 U	1.8	0.7	2.7	0.042 U	25	0.75	3.7	0.32	0.65	0.2	0.59 U
	07/01/10	ORIG	1.1	0.18 U	0.18 U	0.17	0.14 U	0.4	0.15 U	0.2	1.8	0.2 U	1.8	0.66	2.6	0.043 U	34	1.1	6.6	0.6	1.5	0.44	0.6 U
	07/08/10	ORIG	0.62	0.2 U	0.2 U	0.072 U	0.15 UJ	0.39	0.17 U	0.18 U	2	0.22 U	1.7	0.75	2.6	0.047 U	30	0.81	2.6	0.37	0.74	0.29	0.66 U
	07/28/10	ORIG	1.1	0.15 U	0.15 U	0.19	0.11 U	0.43	0.13 U	0.14	1.3	0.17 U	1.3	0.46	2	0.036 U	28	1.1	5.8	1	3.3	1.1	0.51 U
	08/27/10	ORIG	0.69	0.17 U	0.18 U	0.14	0.13 U	0.41	0.15 U	0.24	2	0.19 U	1.6 J	0.7	2.3	0.041 U	20	1.2	4.4	0.6	1.4	0.45	0.58 U
	09/29/10	ORIG	0.92	0.17 U	0.18 U	0.24	0.13 U	0.45	0.15 U	0.22	1.8	0.19 U	2	0.87	2.8	0.041 U	31	2	6.6	1	2.5	0.84	0.58 U
	10/27/10	ORIG	0.77	0.18 U	0.18 U	0.19	0.14 U	0.45	0.15 U	0.19	1.4	0.2 U	2	1.6	2.6	0.043 U	18	2	5.9	1	3	0.9	0.6 U
	11/30/10	ORIG	1.9	0.17 U	0.18 U	0.51	0.18	0.43 J	0.15 U	0.17	1.2	0.19 U	1	0.61	2.4	0.041 U	21	2.5	7.2	1.4	4.6	1.4	0.58 U
	12/28/10	ORIG	1.6	0.18 U	0.18 U	0.2	0.26	0.47 J	0.15 U	0.18	1.7	0.2 U	1.4	0.66	2.6	0.042 U	26	3.3	22	2.2	5.6	2.2	0.59 U
	01/26/11	ORIG	8.4	0.17 U	0.18 U	0.23	0.13 U	0.5 J	0.15 U	0.25	2.7	0.19 U	1.8	1.2	2.6	0.041 U	35	3.6	12	2	6.2	1.6	0.58 U
	02/28/11	ORIG	0.83	0.19 U	0.19 U	0.14 J	0.14	0.38	0.16 U	0.17 U	1.2 U	0.21 U	1.5	0.64	2.4	0.045 U	13	1.5	4.3	0.89	2.7	0.91	0.63 U
	03/30/11	ORIG	1.4	0.18 U	0.18 U	0.28 J	0.14 U	0.46	0.15 U	0.31	1.7	0.2 U	0.83	0.6	2.3	0.043 U	19	1.5	6.9	1.1	3.4	1	0.6 U
	04/29/11	ORIG	0.64 J	0.17 U	0.18 U	0.088	0.13 U	0.47 J	0.15 U	0.22 J	1.8	0.19 UJ	2 J	2.6 J	3	0.041 U	21 J	0.87 J	5.2 J	0.74 J	1.6 J	0.47 J	0.58 U
	04/29/11	DUP	0.26 J	0.17 U	0.17 U	0.07	0.14	0.5	0.14 U	1.8 J	1.1	0.19 UJ	2	1.2 J	3	0.04 U	16 J	0.55 J	2.1 J	0.18 J	0.43 J	0.15 J	0.56 U
	05/31/11	ORIG	2	0.2 U	0.2 U	0.38	0.15 UJ	0.53 J	0.17 U	0.2	2.2	0.22 U	1.3	1.7	2.7	0.047 U	20	1.7	6.8	1.2	3.6	1.2 J	0.66 U
	06/29/11	ORIG	0.87	0.18 U	0.18 U	0.09	0.13	0.5	0.15 U	0.16 U	1.4	0.2 UJ	1.3	1.7	2.5	0.042 U	21	0.88	3.8	0.97	2.9	1	0.6 U
	07/27/11	ORIG	0.58	0.16 U	0.16 U	0.062	0.12 U	0.5 J	0.13 U	0.14 U	1.4	0.18 UJ	1.2	5.9	2.4	0.037 U	19	0.49	2.9	0.75	2.1	0.67	0.53 U
	08/31/11	ORIG	0.98	0.17 U	0.17 U	0.092	0.14	0.61	0.14 U	0.17	1.3	0.19 UJ	1.8	3	3	0.04 U	27	0.7	3	0.68	1.7	0.58	0.56 U
Warehouse																							
	09/08/06	ORIG	7.1	0.44	0.18 U	3.6	0.13 U	0.54	0.15 U	0.16 U	1.1 U	0.19 U	2.2	3.4	2.9	0.041 U	31	1.2	6.9	1	3.7	1.4	0.58 U
	03/03/09	ORIG	6	0.48	0.18 U	2.4	0.14 U	0.53	0.15 U	0.16 U	1.2 U	0.2 U	2.9	2.3	2.4	0.043 U	12	1.4	6.3	0.85	2.7	1	0.6 U
	07/16/09	ORIG	4.3	0.32	0.2 U	0.96	0.15 U	0.58	0.17 U	0.18 U	1.3 U	0.22 U	1.8	0.92	2.5	0.047 U	23	1.2	5.2	0.56	1.4	0.5	0.66 U
	08/25/09	ORIG	5.7	0.72	0.18 U	1.2	0.14 U	0.78	0.77 U	0.28	1.2	1.3	1.9	1.4	2.4	0.043 U	22	2.3	8.6	1.4	3.8	1.4	0.6 U
	09/30/09	ORIG	8.5	0.69	0.2 U	1.8	0.14 U	0.6	0.16 U	0.17 U	1.2 U	0.22 U	1.8	2.6 J	2.8	0.046 U	18	0.9	4.1	0.42	0.94	0.33	0.64 U
	10/29/09	ORIG	8.9	0.82	0.16 U	1.5 J	0.12 U	0.5	0.14 U	0.17	1 U	0.18 U	1.6	6.1	2.5	0.038 U	21	2	8.8	0.8	2.4	0.84	0.54 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	11/24/09	ORIG	9.5	0.72	0.19 U	1.8	0.14 U	0.46	0.16 U	0.24	1.2 U	0.2 U	1.9	1.9	2.5	0.044 U	29	2	9.3	1.1	3.2	1.1	0.62 U
	12/28/09	ORIG	20	0.93	0.19 U	5.8	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.21 U	2.8	5.4	2.4	0.044 U	20	1.1	3.8	0.65	1.8	0.68	0.62 U
	01/27/10	ORIG	8.4	0.45	0.18 U	2.2	0.13 U	0.45	0.15 U	0.16 U	3	0.2 U	1.9 J	2	2.4	0.042 U	22	0.97	7.5	0.61	1.6	0.6	0.59 U
	02/24/10	ORIG	12	0.78	0.16 U	3.7	0.12 U	0.52	0.14 U	0.15 U	1	0.18 U	2	3.1	2.8 J	0.039 U	14	1.4	6.7	0.76	2.3	0.75	0.55 U
	03/31/10	ORIG	6.9	0.5	0.15 U	2.9	0.13	0.38	0.13 U	0.14 U	2	0.17 U	1.6	2.8	2.3	0.036 U	11	0.47	3.4	0.3	0.97	0.27	0.51 U
	04/28/10	ORIG	2.9	0.28	0.2 U	0.77 J	0.15 U	0.41	0.17 U	0.18 U	1.3 U	0.22 U	1.5	1.3 J	2.5	0.048 U	7.2	0.38	1	0.16 U	0.32 U	0.16 U	0.67 U
	05/27/10	ORIG	3.9	0.34	0.18 U	1.2 J	0.13 U	0.56	0.15 U	0.16 U	1.1 U	0.19 U	1.9	1.5	3	0.041 U	22	0.62	3.1	0.3	0.73	0.24	0.58 U
	06/18/10	ORIG	0.43	0.19 U	0.19 U	0.069 U	0.14 U	0.36	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.54	2.3	0.045 U	27	0.43	4.1	0.24	0.52	0.18	0.63 U
	06/24/10	ORIG	0.34	0.18 U	0.19 U	0.068 U	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.2 U	1.7	0.63	2.6	0.044 U	30	0.71	3.9	0.25	0.48	0.15	0.62 U
	07/01/10	ORIG	0.38	0.15 U	0.15 U	0.054 U	0.11 U	0.35	0.12 U	0.16	1.2	0.16 U	1.6	0.53	2.4	0.035 U	27	0.97	4.6	0.3	0.66	0.21	0.49 U
	07/08/10	ORIG	0.23	0.17 U	0.17 U	0.063 U	0.13 UJ	0.43	0.14 U	0.15 U	1.2	0.19 U	1.8	0.76	2.8	0.04 U	20	0.69	2.3	0.2	0.45	0.19	0.57 U
	07/28/10	ORIG	0.38	0.16 U	0.16 U	0.059 U	0.12 U	0.48	0.14 U	0.14 U	1.3	0.18 U	1.2	0.46	2	0.038 U	52	0.69	2.5	0.39	1	0.38	0.54 U
	08/27/10	ORIG	0.38	0.18 U	0.19 U	0.08	0.14 U	0.42	0.16 U	0.19	1.2	0.2 U	1.7	0.72	2.2	0.044 U	16	0.91	3.5	0.38	0.88	0.29	0.62 U
	09/29/10	ORIG	0.68	0.19 U	0.19 U	0.5	0.14 U	0.49	0.16 U	0.18	1.2	0.21 U	1.8	1.1	2.7	0.045 U	33	1.4	4.8	0.67	1.8	0.63	0.63 U
	10/27/10	ORIG	0.4	0.18 U	0.18 U	0.096	0.14 U	0.44	0.15 U	0.16 U	1.2 U	0.2 U	1.5	1.1	2.7	0.043 U	10	1.6	4.1	0.58	1.6	0.6	0.6 U
	11/30/10	ORIG	0.87	0.18 U	0.18 U	0.11	0.19	0.45 J	0.15 U	0.16 U	1.1 U	0.2 U	1	0.54	2.5	0.042 U	18	2.2	5.8	0.95	3	0.99	0.59 U
	12/28/10	ORIG	0.93	0.14 U	0.15 U	0.12	0.11	0.48 J	0.12 U	0.13 U	0.93 U	0.16 U	1.4	0.61	2.7	0.034 U	13	2.2	6	0.76	2.2	0.71	0.48 U
	01/26/11	ORIG	1.1	0.19 U	0.19 U	0.11	0.14 U	0.46 J	0.16 U	0.18	2.2	0.21 U	1.7	0.73	2.7	0.045 U	24	2.2	6.6	0.83	2.3	0.68	0.63 U
	02/28/11	ORIG	0.57	0.19 U	0.2 U	0.12 J	0.14 U	0.32	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.61	2.4	0.046 U	9.3	1.2	2.8	0.44	1.3	0.45	0.64 U
	03/30/11	ORIG	0.78	0.17 U	0.17 U	0.061 U	0.12 U	0.48	0.14 U	0.22	2.9	0.19 U	1.5	0.72	2.5	0.04 U	21	1.2	9.8	0.69	1.8	0.72	0.56 U
	04/29/11	ORIG	0.2 J	0.14 UJ	0.15 UJ	0.053 UJ	0.15 J	0.47 J	0.12 UJ	0.16 J	7.1 J	0.16 UJ	2 J	0.82 J	3 J	0.034 UJ	13 J	0.62 J	2.5 J	0.29 J	0.65 J	0.2 J	0.48 UJ
	05/31/11	ORIG	0.96	0.2 U	0.21 U	0.11	0.15 UJ	0.5 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.78	2.5	0.049 U	14	1.2	4.2	0.57	1.6	0.56 J	0.69 U
	06/29/11	ORIG	0.67	0.18 U	0.18 U	0.071	0.14 U	0.6	0.15 U	0.16 U	1.2	0.2 UJ	1.2	0.66	2.4	0.043 U	15	0.63	2.5	0.38	1.2	0.42	0.6 U
	07/27/11	ORIG	0.27	0.19 U	0.19 U	0.069 U	0.14 U	0.48 J	0.16 U	0.17 U	1.2 U	0.21 UJ	1.2	0.64	2.4	0.045 U	14	0.44	2	0.25	0.71	0.26	0.63 U
	08/31/11	ORIG	0.44	0.17 U	0.18 U	0.064 U	0.14	0.61	0.15 U	0.16 U	1.1 U	0.19 UJ	1.8	0.96	3	0.041 U	14	0.68	2.3	0.33	0.89	0.31	0.58 U
Former Oncology Care Medical Associates																							
Admin Office																							
	09/08/06	ORIG	0.43 U	0.34 U	0.34 U	0.2	0.26 U	0.52	0.29 U	0.66	2.2 U	0.38 U	1.7	1.2	2.9	0.081 U	95	1.2	16	1	3	1.2	1.1 U
	03/31/10	ORIG	0.61 U	0.48 U	0.49 U	1.1	0.36 U	0.56 U	0.41 U	1.2	3.1 U	0.54 U	6.5	2.3	14	0.11 U	90	0.72 U	3.7	0.44	0.78 U	0.39 U	1.6 U
	04/29/11	ORIG	0.24	0.18 U	0.18 U	0.065 U	0.13	0.47	0.15 U	1.1	1.1 U	0.2 UJ	2	0.68	2.9	0.042 U	25	0.61	2.2	0.18	0.48	0.16	0.59 U
Nurses Station																							
	09/08/06	ORIG	0.44	0.35 U	0.35 U	0.23	0.32	0.5	0.3 U	0.57	2.2 U	0.39	1.8	1.6	3.4	0.082 U	99	1.1	17	0.94	3.1	1.3	1.2 U
	03/31/10	ORIG	9.5 U	7.5 U	7.6 U	1.6 J	5.7 U	8.8 U	6.4 U	6.8 U	4.9 U	8.4 U	3.5 J	11 U	5.5 J	3.6 U	51	0.79 J	3.7 J	0.57 J	1 J	6.1 U	5 U
	04/29/11	ORIG	0.22 U	0.18 U	0.18 U	0.065 U	0.13	0.46	0.15 U	0.55	1.1 U	0.2 UJ	2	0.66	2.9	0.042 U	24	0.62	2.2	0.18	0.51	0.16	0.59 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Fred R. Rippy Company																							
Front Office																							
07/01/10	ORIG	12	140	0.18 U	9.7	0.6	0.4	0.15 U	0.33	2.1	8.8	4	7.1	2.7	0.043 U	36 J	0.94	3.2	0.3	0.73	0.29	0.6 U	
07/01/10	DUP	12	140	0.18 U	10	0.59	0.41	0.15 U	0.33	1.7	9.4	4.1	7.6	2.6	0.043 U	49 J	0.92	3	0.3	0.74	0.25	0.6 U	
08/27/10	ORIG	1.2	6.1	0.19 U	0.63	0.25	0.42	0.16 U	0.18	1.2 U	1.1	1.6	0.96	2.2	0.044 U	19	1	3.3	0.37	0.92	0.3	0.62 U	
08/27/10	DUP	1.2	6.3	0.18 U	0.64	0.24	0.43	0.15 U	0.18	1.2 U	1.2	1.7	1	2.3	0.043 U	19	1	3.4	0.4	0.95	0.3	0.6 U	
11/30/10	ORIG	34 J	2.8	0.15 U	18	0.39	0.42 J	0.12 U	0.39	1.8	4.7	3.5	8.7	2.6	0.035 U	69 EJ	4.7	12	1.5	5.6	2	0.49 U	
11/30/10	DUP	42 J	3.3	0.18 U	22	0.38	0.46 J	0.15 U	0.45	1.1 U	5.2	4.1	10	2.6	0.041 U	99 EJ	4.8	10	1.4	5	1.8	0.58 U	
01/26/11	ORIG	28	2.2	0.21	15	0.48	0.51 J	0.15 U	0.44	2	4.8	4.5	8.4	2.6	0.041 U	170 E	3.3	11	1.5	5.5	1.9	0.58 U	
01/26/11	DUP	29	2.3	0.21	15	0.39	0.52 J	0.15 U	0.45	1.9	5.2	4.5	8.5	2.7	0.043 U	170 E	3.3	11	1.5	5.6	2.1	0.6 U	
02/28/11	ORIG	25 J	2.1 J	0.15 U	18 J	0.2	0.37	0.12 U	0.42	0.92 J	2.9	4.4 J	8.2 J	2.5	0.034 U	27 J	2.4	7 J	1 J	3.5 J	1.2 J	0.48 U	
02/28/11	DUP	47 J	3.8 J	0.18 U	33 J	0.25	0.41	0.15 U	0.52	1.1 U	3.2	6.8 J	14 J	2.4	0.041 U	44 J	2	5.7 J	0.81 J	2.7 J	0.92 J	0.58 U	
03/30/11	ORIG	36	2.9	0.35 U	31 J	0.48	0.5	0.3 U	0.46	2.2 U	15 J	4.7	12	2.5	0.082 U	100	1.2	5.1	0.56	1.6	0.55 J	1.2 U	
03/30/11	DUP	36	3	0.35 U	30 J	0.37	0.51	0.3 U	0.45	2.2 U	6.6 J	4.6	12	2.6	0.082 U	100	1.3	5.2	0.54	1.5	0.48 J	1.2 U	
04/29/11	ORIG	31	2.4	0.19 U	18	0.34 J	0.47 J	0.16 U	0.43	1.2 U	9.7 J	5.8 J	9.2	2.8	0.044 U	38	0.63	3.8 J	0.25 J	0.64 J	0.2	0.62 U	
04/29/11	DUP	27	2.1	0.18 U	15	0.6 J	0.45 J	0.15 U	0.39	1.2	8.4 J	5.1 J	7.8	2.7	0.041 U	35	0.68	10 J	0.56 J	1 J	0.32	0.58 U	
05/31/11	ORIG	45	3.1	0.25	23	0.3 J	0.51 J	0.15 U	0.51	1.1 U	24	3.1	7.7	2.5	0.042 U	38	1.2	4.7	0.64	2	0.71 J	0.59 U	
06/29/11	ORIG	24	1.8	0.17 U	11	0.41	0.54	0.14 U	0.29	1.1 U	13 J	2.6	4.3	2.5	0.039 U	58	0.71	2.8	0.45	1.4	0.59	0.55 U	
07/27/11	ORIG	19	1.4	0.16 U	8.9	0.12 U	0.56 J	0.13 U	0.28	1.2	15 J	2.4	3.7	2.5	0.037 U	26	0.42	1.8	0.32	0.99	0.37	0.53 U	
08/31/11	ORIG	24	1.8	0.17 U	11	0.45	0.63	0.14 U	0.33	1.2	15 J	6.7	4.5	2.9	0.04 U	32	0.61	2.5	0.39	1.1	0.4	0.57 U	
Production Area																							
07/01/10	ORIG	14	990	4.7 U	5.7	3.5 U	5.4 U	3.9 U	4.2 U	5.1	5.1 U	4.8 U	6.6 U	4.2 U	2.2 U	30	2.7 U	4.6	3.7 U	3.7 U	3.7 U	3.1 U	
08/27/10	ORIG	5.9	130	0.19 U	2.4	0.14 U	0.4	0.16 U	0.17	1.4	1	2	1.8	2.3	0.044 U	16	1	2.9	0.35	0.89	0.28	0.62 U	
11/30/10	ORIG	37	3.7	0.45	14	0.21	0.42 J	0.43	0.36	1.2	12	2.9	6.6	2.5	0.034 U	140 E	8.4	19	1.8	6.7	2.8	0.48 U	
01/26/11	ORIG	30	2.5	0.61	9.5	0.26	0.51 J	0.18	0.4	1.9	6.6	3.7	5.4	2.6	0.045 U	270 E	2.8	16	1.8	6.2	2.4	0.63 U	
02/28/11	ORIG	51	4.3	0.28	24 J	0.24	0.41	0.15 U	0.44	1.1 U	1.5	5	9.2	2.3	0.042 U	160 E	2	6.1	0.71	2.2	0.72	0.59 U	
03/30/11	ORIG	32	3	1.5 U	10 J	1.1 U	1.7 U	1.2 U	1.3 U	9.4 U	19	3.9	5.2	2.4	0.35 U	140	2.2 U	5.1	1.2 U	2.4 U	1.2 U	4.9 U	
04/29/11	ORIG	10	0.77	0.19 U	3.1	0.15	0.44 J	0.16 U	0.16	1.2 U	2.7 J	2.6 J	1.9	2.8	0.044 U	210 E	0.66	3.9	0.22	0.58	0.19	0.62 U	
05/31/11	ORIG	35	2.3	1.2	13	0.14 J	0.5 J	0.15 U	0.4	1.6	29	2.5	4.8	2.5	0.043 U	32	1.2	5.2	0.69	2.6	1.1 J	0.6 U	
06/29/11	ORIG	13	0.96	0.18 U	3.8	0.13 U	0.53	0.15 U	0.2	1.2 U	2.6 J	1.8	1.8	2.5	0.042 U	130 E	0.74	9.9	1.5	2.7	0.81	0.6 U	
07/27/11	ORIG	6.7	0.48	0.16 U	1.9	0.12 U	0.57 J	0.14 U	0.14 U	1.3	5.2 J	1.5	1.1	2.6	0.038 U	13	0.45	1.6	0.25	0.8	0.29	0.54 U	
08/31/11	ORIG	16	1	0.16 U	4.2	0.13	0.55	0.14 U	0.21	4.2	4.3 J	11	1.8	2.8	0.038 U	24	0.7	4.1	0.51	1.5	0.64	0.54 U	
Warehouse																							
07/01/10	ORIG	12	410	7.6 U	5.6 U	5.7 U	8.8 U	6.4 U	6.8 U	4.9 U	8.4 U	7.9 U	11 U	6.9 U	3.6 U	47	4.5 U	9.2	6.1 U	6.1 U	6.1 U	5 U	
08/27/10	ORIG	11	65	1.8 U	2	1.4 U	2.1 U	1.5 U	1.6 U	12 U	2 U	2.6	2.8	2.3	0.43 U	24	2.7 U	7.7	1.4 U	3.2	1.5	6 U	

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Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	11/30/10	ORIG	13	1.9	0.94	4.6	0.18	0.46 J	0.53	0.27	1.1 U	6.9	2.1	4.4	2.4	0.042 U	27	3	24	1.3	4.6	2	0.59 U
	01/26/11	ORIG	12	2.1	0.91	3.3	0.2	0.5 J	0.47	0.29	1.6	5.6	2.6	3.1	2.6	0.042 U	59	3	20	2	6.8	2.7	0.59 U
	02/28/11	ORIG	9.7	1.4	0.9	4 J	0.13	0.43	0.15	0.25	1 U	1	2.4	2.8	2.4	0.037 U	21	1.9	10	0.76	2.5	0.92	0.53 U
	03/30/11	ORIG	9.2	3.5	1.7 U	2.6 J	1.3 U	2 U	1.4 U	1.5 U	11 U	4.7	2.6	2.4 J	2.5	0.4 U	32	2.5 U	5.4	1.4 U	2.7 U	1.4 U	5.7 U
	04/29/11	ORIG	1.6	1.7	0.21	0.31	0.11 U	0.48 J	0.12 U	0.15	0.93 U	2.9 J	2 J	1.1	2.8	0.034 U	15	0.57	1.4	0.27	0.96	0.38	0.48 U
	05/31/11	ORIG	4.4	0.39	0.78	1.2	0.13 UJ	0.52 J	0.15 U	0.26	1.3	6	1.4	1.2	2.6	0.042 U	18	1.4	5.6	0.76	3	1.3 J	0.59 U
	06/29/11	ORIG	6.8	0.6	0.18 U	1.7	0.14 U	0.53	0.15 U	0.16 U	1.2 U	0.22 J	1.6	1.4	2.4	0.043 U	23	0.62	2.9	0.49	1.4	0.54	0.6 U
	07/27/11	ORIG	6.2	0.52	0.16 U	1.5	0.12 U	0.5 J	0.14 U	0.14 U	1.3	1.3 J	1.4	1.2	2.2	0.038 U	9.1	0.68	2.7	0.43	1.2	0.48	0.54 U
	08/31/11	ORIG	11	0.86	0.18 U	2.7	0.13 U	0.6	0.15 U	0.22	1.1 U	3.5 J	9.9	2.1	3	0.041 U	14	0.72	2.1	0.38	1.1	0.48	0.58 U
InterHealth Former MRI Building																							
Open Office																							
	04/29/11	ORIG	0.2 U	0.15 U	0.16 U	0.057 U	0.15	0.44	0.13 U	0.17	2.9	0.17 UJ	20	0.61	2.7	0.037 U	16	0.66	4.8	0.31	0.56	0.18	0.52 U
Waiting Room T11033																							
	04/29/11	SPLIT	0.23	0.095	0.11 U	0.04 U	0.081 U	0.55	0.092 U	0.12	0.69 U	0.12 J	24 J	0.63	18 J	0.026 U	10 J	0.65	2 J	0.35 J	1.1 J	0.44	0.36 U
	04/29/11	ORIG	0.2 U	0.16 U	0.16 U	0.059 U	0.13	0.47	0.14 U	0.14 U	1 U	0.18 UJ	30 J	0.64	2.7 J	0.038 U	13 J	0.54	1.5 J	0.16 J	0.39 J	0.13 U	0.54 U
LA Carts																							
Admin Office																							
	09/08/06	ORIG	0.24	1.2	0.15 U	0.06	0.11 U	0.5	0.12 U	0.14	5.2	0.16	1.5	0.7	2.6	0.034 U	74 E	1.6	10	1.2	4.5	1.7	0.48 U
	03/31/10	ORIG	0.25 U	0.66	0.2 U	0.2	0.16	0.38	0.17 U	0.18 U	1.6	0.22 U	1	0.79	2	0.048 U	12	0.55	5.7	0.2	0.46	0.16 U	0.67 U
Large Production Room																							
	09/08/06	ORIG	1.6	0.38 U	0.39 U	2.5	0.29 U	0.52	0.33 U	0.37	5.9	0.43 U	2.9	8.7	3.2	0.092 U	480 E	2.2	210	2	7.3	2.6	1.3 U
	03/31/10	ORIG	0.25	0.28	0.18 U	0.74	0.13 U	0.38	0.15 U	0.16 U	1.1 U	0.2 U	1.2	1.4	2	0.042 U	15	0.55	43	0.35	0.94	0.23	0.59 U
Small Production Room																							
	09/08/06	ORIG	1.1 U	0.88 U	0.89 U	3.6	0.66 U	1 U	0.76 U	0.8 U	5.7 U	0.99 U	3.2	14	2.9	0.21 U	1200 E	1.3	570	0.95	2.9	1	3 U
	03/31/10	ORIG	0.24 J	0.2 U	0.2 U	0.79	0.15 U	0.38	0.17 U	0.18 U	1.3 U	0.22 U	1.3	1.5	2.1	0.047 U	13	0.58	52	0.22	0.4	0.16 U	0.66 U
Madsen Roofing																							
Office																							
	07/23/08	ORIG	2.5	0.96	0.19	0.21	0.2	0.44	0.15 U	0.27	1.1 U	0.2 U	1.2	1	2.1	0.042 U	37	1.5	6.3	4.4	12	1.9	0.59 U
	07/23/08	DUP	1.6 J	0.19 J	0.15 UJ	0.053 UJ	0.11 UJ	0.43 J	0.12 UJ	0.16 J	0.93 UJ	0.16 UJ	1.3 J	0.81 J	2.2 J	0.034 UJ	18 J	0.77 J	4 J	7.3 J	21 J	2.9 J	0.48 UJ
	03/03/09	ORIG	2.3	0.37	0.18 U	0.26	0.13 U	0.53	0.15 U	0.17	1.1 U	0.2 U	2.5	0.96	2.5	0.042 U	23	1.7	9.5	1.3	4.7	1.7	0.59 U
	03/31/10	ORIG	5	0.53	0.2 U	0.78	0.16	0.42	0.17 U	0.36	1.3 U	0.22 U	1.3	1.7	2.1	0.048 U	32	2.6	8.3	0.95	3	1.1	0.67 U
	09/29/10	ORIG	0.51	0.19 U	0.2 U	0.16	0.14 U	0.44	0.16 U	0.18	1.6	0.22 U	2	0.84	2.9	0.046 U	30	5.4	10	1.4	4.2	1.4	0.64 U
	03/30/11	ORIG	0.47	0.15 U	0.16 U	0.46 J	0.18	0.44	0.13 U	0.18	2.5	0.17 U	1.9	0.8	2.5	0.037 U	40	7.6	14	1.8	6.3	2.7 J	0.52 U
Warehouse																							
	07/23/08	ORIG	1.6	0.28	0.19 U	0.069 U	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.3	0.81	2.4	0.045 U	18	0.94	4.2	13	37	4.9	0.63 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
			6.1 U	4.83 U	4.91 U	3.57 U	3.64 U	5.66 U	4.14 U	4.39 U	23.95	5.41 U	5.06 U	6.9 U	4.45 U	2.3 U	--	2.87 U	3.39 U	3.91 U	7.38 U	3.91 U	--
	07/23/08	EPA																					
Medlin & Son																							
Front office area																							
05/11/04	ORIG	4.3	2.7	0.46 U	5.1	0.34 U	0.67	0.39 U	0.42 U	3.9	0.95	8.7	40	2.6 J	0.11 U	3400 E	1	5.3	0.79	2.2	0.87	1.5 U	
09/14/05	ORIG	22	14	0.18 U	10	0.13 U	0.84	0.15 U	0.27	1.7	0.2	12	34	1.8	0.041 U	530 E	1	7.4	0.72	2.5	0.9	0.58 U	
03/03/09	ORIG	17	6.6	0.36 U	4.4	0.27 U	0.52	0.31 U	0.33 U	34	0.49	4.8	9.8	2.5	0.086 U	3800 E	1.7	8.8	3.8	7.5	2.2	1.2 U	
03/03/09	EPA	13.6 U	10.7 U	10.9 U	7.9 U	8.1 U	12.6 U	9.2 U	9.8 U	6.9 U	12 U	11.2 U	15.3 U	9.9 U	5.1 U	--	6.4 U	10.2	8.7 U	17.8 U	8.7 U	--	
03/31/10	ORIG	23	10	0.18 U	4.3	0.17	0.37	0.15 U	0.16 U	2.3	0.19 U	3	8.9	2.2	0.041 U	170 E	0.54	2.3	3.8	15	3.7	0.58 U	
09/29/10	ORIG	0.88	0.34	0.18 U	0.57	0.13 U	0.42	0.15 U	0.21	1.8	0.2 U	2.1	1.5	2.7	0.042 U	390 E	1.7	5.2	1.7	4	1.5	0.59 U	
03/30/11	SPLIT	2.3 J	0.74 J	0.11 U	0.4 J	0.098	0.56	0.092 U	0.32 J	5.2	0.22	1.6	0.92	2.7	0.026 U	52	1.8 J	6.5 J	1.8 J	5.3 J	2.2 J	0.36 U	
03/30/11	ORIG	1.6 J	0.59 J	0.18 U	0.93 J	0.13 U	0.5	0.15 U	0.23 J	4.9	0.24	1.7	1	2.6	0.041 U	60	1.3 J	5.2 J	0.95 J	3.2 J	1.3 J	0.58 U	
Production area																							
05/11/04	ORIG	6.2	2.6	0.21	6.6	0.14 U	0.8	0.16 U	0.2	5.1	0.21 U	8.9	36	3.3	0.044 U	39	1.1	7.3	0.85	2.7	1	0.63 U	
09/14/05	ORIG	4.6	2.3	0.2 U	2.9	0.15 U	1.3	0.17 U	0.32	1.3 U	0.22 U	5.4	17	1.2	0.047 U	22	0.91	4.8	0.79	2.7	0.98	0.66 U	
03/03/09	ORIG	2.3	0.9	0.19 U	0.89	0.14 U	0.5	0.16 U	0.17 U	36	0.21 U	2.6	2.8	2.3	0.045 U	41	1.1	6.2	2	4.2	1.3	0.63 U	
03/31/10	ORIG	10	4.8	0.6 U	3.5	0.44 U	0.69 U	0.5 U	0.53 U	5.1	0.66 U	3.1	9.4	2.3	0.14 U	280 E	0.87 U	1.6	7.1	26	5.8	2 U	
09/29/10	ORIG	0.8	0.24	0.19 U	0.88	0.14 U	0.43	0.16 U	0.21	1.7	0.21 U	2.3	2.3	2.9	0.045 U	180 E	1.6	4.7	2.5	5.8	2.5	0.63 U	
03/30/11	ORIG	0.62	0.19	0.16 U	0.18 J	0.14	0.48	0.14 U	0.18	5.8	0.18 U	1.6	1	2.8	0.039 U	22	1.5	6	1.3	4.5	1.6 J	0.55 U	
Medlin North																							
Building Interior																							
09/08/06	ORIG	1.6 U	1.3 U	1.3 U	0.47 U	0.96 U	1.5 U	1.1 U	1.2 U	8.3 U	1.4 U	1.6	1.9	2.6	0.3 U	430	1.9 U	2.8	1 U	2.1 U	1 U	4.3 U	
10/07/10	ORIG	0.28	0.18 U	0.19 U	0.22	0.14 U	0.37	0.16 U	0.17 U	1.2 U	0.2 U	1.8	0.96	2.5	0.044 U	21	0.81	2.3	0.32	0.84	0.29	0.62 U	
03/30/11	ORIG	0.38	0.19 U	0.19 U	0.069 U	0.14 U	0.48	0.16 U	0.17	1.4	0.21 U	1.6	0.82	2.7	0.045 U	21	1.4	4.4	0.53	1.5	0.54	0.63 U	
Regional Occupational Program																							
Classroom (Room 104)																							
03/31/10	ORIG	2	0.32	0.2 U	0.63	0.16	0.38	0.16 U	0.17 U	1.2 U	0.22 U	1.1	0.84	2.1	0.046 U	69	0.48	0.99	0.16	0.33	0.16 U	0.64 U	
05/27/10	ORIG	0.25	0.37	0.16 U	0.058 UJ	0.12 U	0.8	0.13 U	0.14 U	4.9	0.18 U	1.8	0.81 J	2.8	0.037 U	18	0.69	4.4	0.61	1.6	0.46	0.53 U	
07/01/10	ORIG	0.22 J	0.49	0.18 U	0.067 U	0.14 U	0.39	0.15 U	0.18	4	0.2 U	1.8	0.61	2.6	0.043 U	52	0.94	2.8	0.26	1.8	0.29	0.6 U	
07/28/10	ORIG	0.26	0.19	0.18 U	0.064 U	0.13 U	0.37	0.15 U	0.16 U	1.1 U	0.19 U	1.2	0.5	2	0.041 U	26	0.54	1.8	0.33	0.75	0.3	0.58 U	
08/27/10	ORIG	0.79	0.18 U	0.18 U	0.24	0.13 U	0.43	0.15 U	0.16 U	1.1 U	0.2 U	1.6	0.61	2.2	0.042 U	23	1.2	2.6	0.32	0.74	0.32	0.59 U	
10/07/10	ORIG	0.86	0.18 U	0.18 U	0.77	0.13 U	0.44	0.15 U	0.16 U	1.1 U	0.2 U	1.8	1.1	2.6	0.042 U	18	0.75	2.2	0.27	0.71	0.35	0.59 U	
10/27/10	ORIG	0.45	0.17 U	0.18 U	0.12	0.13 U	0.45	0.15 U	0.16 U	1.1 U	0.19 U	1.3	0.81	2.6	0.041 U	12	0.7	1.8	0.25	0.72	0.3	0.58 U	
11/30/10	ORIG	0.98	0.18 U	0.18 U	0.2	0.13 U	0.46 J	0.15 U	0.16 U	1.1 U	0.2 U	1.1	0.6	2.5	0.042 U	15	1.3	3.9	0.61	1.7	0.55	0.59 U	
12/28/10	ORIG	8.8	0.39	0.15 U	1.7	0.17	0.5 J	0.12 U	0.2	0.93 U	0.16 U	1.8	1.7	2.7	0.034 U	12	4.6	12	1.6	5.4	1.5	0.48 U	
01/26/11	ORIG	2	0.2	0.18 U	0.3	0.21	0.48 J	0.15 U	0.2	1.9	0.19 U	1.4	0.96	2.6	0.041 U	710 E	2.9	8.1	1.2	3.7	1.1	0.58 U	

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	02/28/11	ORIG	0.85	0.18 U	0.18 U	0.22 J	0.13 U	0.41	0.15 U	0.16 U	1.1 U	0.2 U	1.6	0.67	2.4	0.042 U	9.3	1.2	2.7	0.43	1.4	0.47	0.59 U
	03/30/11	ORIG	0.88	0.18 U	0.18 U	0.18 J	0.15	0.47	0.15 U	0.18	1.4	0.2 U	1.5	0.62	2.5	0.043 U	52	1.2	3.9	0.53	1.5	0.49	0.6 U
	04/29/11	ORIG	1.1	0.17 U	0.18 U	0.22	0.17	0.47 J	0.15 U	0.17	6.3	0.19 J	2 J	0.9	2.9	0.041 U	29	0.58	4	0.45	1.1	0.29	0.58 U
	05/31/11	ORIG	0.91	0.19 U	0.19 U	0.15	0.14 UJ	0.52 J	0.16 U	0.22	1.2 U	0.21 U	1.1	0.7	2.5	0.045 U	17	1.2	4.1	0.55	1.7	0.59 J	0.63 U
	06/29/11	ORIG	0.67	0.18 U	0.18 U	0.096	0.13 U	0.52	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	0.61	2.5	0.042 U	18	0.61	1.9	0.32	0.93	0.34	0.6 U
	07/27/11	ORIG	0.56	0.18 U	0.18 U	0.091	0.14 U	0.5 J	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	0.56	2.2	0.043 U	14	0.33	1.2	0.19	0.55	0.2	0.6 U
	08/31/11	ORIG	0.59	0.17 U	0.17 U	0.066	0.13 U	0.53	0.14 U	0.15 U	1.1 U	0.19 UJ	2	0.54	2.8	0.04 U	13	0.51	1.7	0.23	0.65	0.25	0.56 U
Dental Annex (Classroom)																							
	05/27/10	ORIG	17	1.6	0.2 U	12	0.15 U	0.53	0.17 U	0.84	1.3 U	0.22 U	3.5	7.1	2.9	0.047 U	32	0.56	2	0.46	1.1	0.34	0.66 U
	07/01/10	ORIG	0.39	0.24	0.17 U	0.063 U	0.13 U	0.37	0.14 U	0.33	1.1	0.19 U	1.5	0.54	2.5	0.04 U	37	0.92	2.7	0.25	0.58	0.21	0.57 U
	08/27/10	ORIG	1	0.18 U	0.18 U	0.16	0.14 U	0.37	0.15 U	0.25	1.2 U	0.2 U	1.5 J	0.59	2.2	0.043 U	18	0.89	2.7	0.34	0.85	0.28	0.6 U
	10/07/10	ORIG	1	0.18 U	0.18 U	0.42	0.14 U	0.42	0.15 U	0.32	1.2 U	0.2 U	1.8	0.8	2.5	0.043 U	190 E	0.79	2.6	0.32	0.82	0.28	0.6 U
	10/27/10	ORIG	1.1	0.17 U	0.18 U	0.27	0.13 U	0.44	0.15 U	0.35	1.1 U	0.19 U	1.8	1.1	2.5	0.041 U	52	0.97	2.6	0.39	1.1	0.49	0.58 U
	11/30/10	ORIG	0.85	0.19	0.16 U	0.13	0.16	0.47 J	0.14 U	0.27	4.6	0.18 U	1.4	0.6	2.5	0.039 U	51	1.6	9.7	1.4	3.6	1.1	0.55 U
	12/28/10	ORIG	2.6	0.2	0.15 U	0.44	0.22	0.52 J	0.12 U	0.45	0.94 U	0.16 U	1.6	0.85	2.6	0.035 U	16	3.2	8.1	1	3.3	1.1	0.49 U
	01/26/11	ORIG	2.4	0.19	0.18 U	0.34	0.19	0.5 J	0.15 U	0.34	1.9	0.19 U	1.7	1.1	2.6	0.041 U	24	3	8.7	1.2	3.7	1.1	0.58 U
	02/28/11	ORIG	0.8	0.18 U	0.18 U	0.15 J	0.14	0.42	0.15 U	0.21	1.2 U	0.2 U	1.5	0.62	2.3	0.043 U	21	1.4	3.3	0.53	1.6	0.57	0.6 U
	03/30/11	ORIG	0.95	0.19 U	0.2 U	0.12 J	0.15	0.42	0.16 U	0.4	1.8	0.22 U	1.5	0.54	2.4	0.046 U	29	1.9	5.2	0.7	1.8	0.65 J	0.64 U
	04/29/11	ORIG	1.6	0.18 U	0.18 U	0.21	0.18	0.46 J	0.15 U	0.33	1.1 U	0.2 J	2 J	0.85	2.9	0.042 U	100 E	0.5	1.4	0.21	0.51	0.2	0.59 U
	05/31/11	ORIG	0.5	0.18 U	0.18 U	0.14	0.2 J	0.49 J	0.15 U	0.37	1.8	0.2 U	1.1	0.66	2.6	0.043 U	23	1	2.8	0.17	0.5	0.16 J	0.6 U
	06/29/11	ORIG	0.88	0.18 U	0.18 U	0.096	0.13 U	0.52	0.15 U	0.46	1.1 U	0.2 UJ	1.2	0.59	2.4	0.042 U	54	0.6	2.3	0.38	1.1	0.42	0.59 U
	07/27/11	ORIG	1.4	0.17 U	0.17 U	0.18	0.12 U	0.52 J	0.14 U	0.49	1.1 U	0.19 UJ	1.3	0.6	2.5	0.04 U	12	0.31	1	0.19	0.59	0.21	0.56 U
	08/31/11	ORIG	1.6	0.18 U	0.18 U	0.2	0.13 U	0.57	0.15 U	0.55	1.2 U	0.2 UJ	2.1	0.62	2.9	0.042 U	19	0.46	1.5	0.22	0.63	0.21	0.6 U
Dental Annex (Lobby/Computer Area)																							
	05/27/10	ORIG	20	1.9	0.19 U	13	0.14 U	0.54	0.16 U	0.82	1.2 U	0.21 U	3.3	6.4	2.8	0.045 U	42	0.54	2	0.52	1.3	0.44	0.63 U
	07/01/10	ORIG	0.34	0.28	0.17 U	0.063 U	0.13 U	0.39	0.14 U	0.23	1.1 J	0.19 U	1.7	0.56	2.6	0.04 U	41	0.91	2.6	0.26	0.6	0.19	0.57 U
	07/28/10	ORIG	0.34	0.31	0.18 U	0.067 U	0.14 U	0.49	0.15 U	0.16 U	1.2 U	0.2 U	1.3	0.52	2.1	0.043 U	17	0.61	1.8	0.5	1.2	0.36	0.6 U
	08/27/10	ORIG	0.8	0.18 U	0.18 U	0.13	0.14 U	0.39	0.15 U	0.23	1.2 U	0.2 U	1.1 J	0.58	2.1	0.043 U	18	0.91	2.7	0.35	0.83	0.31	0.6 U
	10/07/10	ORIG	0.89	0.18 U	0.18 U	0.28	0.14 U	0.44	0.15 U	0.2	1.2 U	0.2 U	1.8	0.72	2.7	0.043 U	200 E	0.8	2.4	0.29	0.75	0.25	0.6 U
	10/27/10	ORIG	0.99	0.17 U	0.18 U	0.24	0.13 U	0.44	0.15 U	0.21	1.1 U	0.19 U	1.8	1	2.6	0.041 U	32	0.88	2.2	0.32	0.91	0.29	0.58 U
	11/30/10	ORIG	1.1	0.17 U	0.17 U	0.17	0.21	0.42 J	0.14 U	0.41	1.7	0.19 U	1.5	0.65	2.7	0.04 U	150 E	1.9	7.9	1.2	3.4	1.2	0.56 U
	12/28/10	ORIG	2.6	0.2	0.15 U	0.47	0.17	0.5 J	0.12 U	0.39	0.93 U	0.16 U	1.6	0.9	2.6	0.034 U	17	3.2	8	1	3.1	0.99	0.48 U
	01/26/11	ORIG	2	0.18 U	0.18 U	0.27	0.2	0.47 J	0.15 U	0.23	1.7	0.2 U	1.3	0.93	2.6	0.043 U	25	2.8	8.6	1.1	3.6	1	0.6 U
	02/28/11	ORIG	0.66	0.19 U	0.2 U	0.12 J	0.15	0.36	0.16 U	0.18	2.4	0.22 U	1.6	0.6	2.4	0.046 U	42	1.3	5.8	1.2	4	1.2	0.64 U
	03/30/11	ORIG	0.97	0.18 U	0.19 U	0.23 J	0.14 U	0.45	0.16 U	0.31	1.5	0.23	1.6	0.61	2.4	0.044 U	29	1.9	5.3	0.68	1.8	0.62 J	0.62 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	04/29/11	ORIG	1.5	0.18 U	0.19 U	0.17	0.15	0.47 J	0.16 U	0.43	1.2 U	0.2 J	2.2 J	0.83	3	0.044 U	200 E	0.54	1.4	0.32	0.83	0.25	0.62 U
	05/31/11	ORIG	1.1	0.19 U	0.2 U	0.14	0.14 UJ	0.56 J	0.16 U	0.32	1.2 U	0.22 U	1.3	0.7	2.7	0.046 U	17	1.2	4.2	1	3.1	0.96 J	0.64 U
	06/29/11	ORIG	0.89	0.17 U	0.17 U	0.1	0.13 U	0.57	0.15 U	0.2	1.1 U	0.19 UJ	1.2	0.57	2.4	0.041 U	53	0.62	1.9	0.37	1.2	0.54	0.58 U
	07/27/11	ORIG	0.83	0.18 U	0.18 U	0.098	0.13 U	0.5 J	0.15 U	0.18	1.1 U	0.2 UJ	1.2	0.54	2.4	0.042 U	11	0.35	1.1	0.2	0.63	0.23	0.59 U
	08/31/11	ORIG	0.98	0.19 U	0.19 U	0.12	0.14 U	0.53	0.16 U	0.23	1.2 U	0.21 UJ	2.2	0.61	2.9	0.045 U	17	0.5	1.5	0.21	0.56	0.2	0.63 U
Office (Room 108)																							
	05/27/10	ORIG	5.8	0.72	0.19 U	2.7	0.14 U	0.57	0.16 U	0.17 U	2.5	0.21 U	2	1.4	2.8	0.045 U	200 E	0.58	2.3	0.32	0.68	0.24	0.63 U
	07/01/10	ORIG	0.64	0.18	0.18 U	0.27	0.14 U	0.39	0.15 U	0.19	2.1	0.21	1.7	0.62	2.7	0.043 U	56	0.86	3	0.26	0.55	0.26	0.6 U
	07/28/10	ORIG	0.53	0.27	0.19 U	0.069 U	0.15	0.4	0.16 U	0.17 U	2.4	0.21 U	1.2	0.56	2.2	0.045 U	23	0.64	13	0.79	1.8	0.54	0.63 U
	08/27/10	ORIG	1	0.14 U	0.15 U	0.29	0.11 U	0.41	0.12 U	0.19	1.8	0.16 U	1.5	0.62	2.2	0.034 U	17	1.1	3.4	0.41	1	0.44	0.48 U
	10/07/10	ORIG	1.1	0.18 U	0.19 U	0.74	0.14 U	0.44	0.16 U	0.17 U	1.4	0.2 U	1.8	1.1	2.6	0.044 U	71	0.94	3.2	0.4	1	0.46	0.62 U
	10/27/10	ORIG	1.3	0.18 U	0.18 U	0.35	0.13 U	0.41	0.15 U	0.21	2.9	0.2 U	1.9	1.5	2.6	0.042 U	33	1.6	5	0.65	1.9	0.63	0.59 U
	11/30/10	ORIG	1.6	0.17 U	0.18 U	0.32	0.18	0.46 J	0.15 U	0.16 U	2.8	0.19 U	1.4	0.66	2.5	0.041 U	28	1.9	5.8	0.77	2.4	0.78	0.58 U
	12/28/10	ORIG	3.7	0.24	0.16 U	0.72	0.21	0.56 J	0.14 U	0.58	4	0.33	1.7	1	2.7	0.039 U	21	2.7	8.3	0.96	2.9	1	0.55 U
	01/26/11	ORIG	3.3	0.24	0.2 U	0.61	0.19	0.49 J	0.16 U	0.22	5.6	0.22 U	1.5	1.3	2.7	0.046 U	120 E	2.9	8.9	1.2	3.5	1	0.64 U
	02/28/11	ORIG	2	0.19	0.18 U	0.5 J	0.13 U	0.4	0.15 U	0.18	8.1	0.32	1.5	0.85	2.3	0.041 U	24	1.8	5.1	0.75	2.4	0.82	0.58 U
	03/30/11	ORIG	1.7	0.42 U	0.42 U	0.49 J	0.31 U	0.5	0.36 U	0.38 U	4.6	0.47 U	1.6	1.3	2.5	0.099 U	73	1.2	4.8	0.97	2.6	0.68	1.4 U
	04/29/11	ORIG	1.1	0.17 U	0.17 U	0.21	0.12 U	0.46 J	0.14 U	0.15 U	1.1 U	0.19 J	2 J	0.83	2.9	0.04 U	16	0.51	1.1	0.15	0.37	0.13 U	0.56 U
	05/31/11	ORIG	2.2	0.19 U	0.2 U	0.49	0.14 UJ	0.49 J	0.16 U	0.24	7.3	0.3	1.3	1	2.6	0.046 U	28	1.2	4.6	0.8	2.4	0.73 J	0.64 U
	06/29/11	ORIG	1	0.18 U	0.18 U	0.16	0.13 U	0.53	0.15 U	0.16 U	3.4	0.2 UJ	1.2	0.64	2.4	0.042 U	28	0.58	2.2	0.49	1.4	0.52	0.6 U
	07/27/11	ORIG	0.46	0.17 U	0.17 U	0.074	0.13 U	0.51 J	0.14 U	0.15 U	2.2	0.19 UJ	1.3	0.6	2.5	0.04 U	18	0.34	2.3	0.35	0.86	0.3	0.57 U
	08/31/11	ORIG	0.66	0.19 U	0.19 U	0.08	0.14 U	0.58	0.16 U	0.17 U	2.1	0.21 UJ	1.9	0.62	2.8	0.045 U	42	0.46	1.8	0.32	0.83	0.27	0.63 U
Office (Room 207)																							
	03/31/10	ORIG	58	3.5	0.16 U	29	0.2	0.43	0.13 U	0.27	47	0.17 U	6	11	2.3	0.037 U	78 E	0.72	6.7	0.99	2.7	0.84	0.52 U
	05/27/10	ORIG	25 J	1.3	0.15 U	13 J	0.12	0.52	0.12 U	0.13 U	4.1 J	0.16 U	2.7	3.6 J	2.7	0.034 U	36 J	0.49	2	0.34	0.78	0.27	0.48 U
	05/27/10	DUP	20 J	1.4	0.19 U	9.5 J	0.14 U	0.51	0.16 U	0.17	5.8 J	0.2 U	2.5	2.9 J	2.7	0.044 U	180 E	0.55	2.4	0.39	0.87	0.28	0.62 U
	07/01/10	ORIG	2	0.26	0.19 U	0.57	0.14 U	0.4	0.16 U	0.22	8.6	0.21 J	1.9	0.75	2.8	0.045 U	41	0.95	3.7	0.36	0.85	0.27	0.63 U
	07/28/10	SPLIT	1.4	0.3	0.11 U	0.18	0.081 U	0.65	0.092 U	0.23	7.5	0.2	1.6	0.68	2.8	0.026 U	9.7	0.95	15	2.3	6.1	2.2	0.36 U
	07/28/10	ORIG	1.2	0.18	0.18 U	0.13	0.13	0.47	0.15 U	0.16 U	5.4	0.19 U	1.2	0.5	2.1	0.041 U	29	0.62	2.6	0.96	2.2	0.58	0.58 U
	08/27/10	SPLIT	1.5 J	0.13	0.1 J	0.19 J	0.13	0.45	0.14	0.22	29 J	0.49	0.06 U	0.08 U	0.05 U	0.01 U	1.2 UJ	1.4 J	14 J	0.04 U	4.3 J	1.4 J	0.07 U
	08/27/10	ORIG	0.94 J	0.18 U	0.18 U	0.24 J	0.14 U	0.4	0.15 U	0.18	2.9 J	0.2 U	1.7	0.66	2.3	0.043 U	21 J	0.93 J	3.4 J	0.4	0.97 J	0.3 J	0.6 U
	10/07/10	ORIG	1.2	0.18 U	0.18 U	0.38	0.13	0.44	0.15 U	0.2	3.6	0.2 U	1.9	0.77	2.6	0.042 U	49	1	3.7	0.47	1.2	0.42	0.59 U
	10/27/10	SPLIT	1.7	0.11	0.11 U	0.3 J	0.11	0.44	0.092 U	0.17	5.4 J	0.16	1.4 J	1.2 J	2.5	0.026 U	19 J	1.2 J	14 J	1.2 J	3.8 J	1.4 J	0.36 U
	10/27/10	ORIG	1.4	0.17 U	0.18 U	0.41 J	0.13 U	0.45	0.15 U	0.18	7.2 J	0.19 U	2 J	1.6 J	2.7	0.041 U	34 J	1.6 J	6.2 J	0.67 J	1.9 J	0.62 J	0.58 U
	11/30/10	SPLIT	1.8 J	0.2	0.11 U	0.33 J	0.12	0.51 J	0.092 U	0.18	7.4 J	0.17	1.5 J	0.75 J	2.8 J	0.026 U	20 J	1.9 J	9.7 J	0.94 J	3.4 J	1.1 J	0.36 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	11/30/10	ORIG	0.91 J	0.16 U	0.16 U	0.17 J	0.12	0.25 J	0.14 U	0.14 U	3.5 J	0.18 U	0.75 J	0.38 J	1.3 J	0.038 U	13 J	1 J	4.1 J	0.44 J	1.4 J	0.44 J	0.54 U
	12/28/10	SPLIT	8.2 J	0.41 J	0.11 U	1.5 J	0.1 J	0.57	0.092 U	0.28	5.8 J	0.6 J	1.7	1.5 J	2.7	0.026 U	24	3.3	13 J	2.3 J	8.2 J	3 J	0.36 U
	12/28/10	ORIG	4.2 J	0.25 J	0.15 U	0.82 J	0.19 J	0.5 J	0.13 U	0.2	7.5 J	0.28 J	1.7	1.1 J	2.7	0.036 U	27	3.1	10 J	1.1 J	3.4 J	1 J	0.5 U
	01/26/11	SPLIT	4.3	0.3	0.11 U	0.69	0.11	0.58 J	0.092 U	0.26 J	8.2	0.35 J	1.6	1.4	2.5	0.026 U	99	2.7 J	10 J	2.1 J	7 J	2.5 J	0.36 U
	01/26/11	ORIG	4.6	0.27	0.15 U	0.75	0.16	0.43 J	0.12 U	0.39 J	8.3	0.17 J	1.9	1.5	2.9	0.035 U	92 E	3.4 J	19 J	1.5 J	4.7 J	1.3 J	0.49 U
	02/28/11	SPLIT	2.3	0.24 J	0.33 U	0.38 J	0.24 U	0.42	0.28 U	0.29 U	12	0.44	0.9 J	0.84	2 J	0.077 U	40 J	1.7	6	0.83	2.6	0.99 J	1.1 U
	02/28/11	ORIG	2	0.18 J	0.18 U	0.54 J	0.15	0.4	0.15 U	0.18	13	0.26	1.6 J	0.88	2.5 J	0.043 U	26 J	1.7	5.6	0.78	2.4	0.8 J	0.6 U
	03/30/11	SPLIT	3.1 J	0.23	0.11 U	0.5 J	0.13	0.57	0.092 U	0.3 J	8	0.34	1.6	1	2.8	0.026 U	53	1.6 J	6.5	1.9 J	5.4 J	1.6 J	0.36 U
	03/30/11	ORIG	2.3 J	0.18	0.18 U	0.45 J	0.14 U	0.48	0.15 U	0.21 J	7.1	0.2 U	1.5	0.87	2.5	0.043 U	46	1.2 J	5.4	1 J	3 J	0.76 J	0.6 U
	04/29/11	SPLIT	1 J	0.084	0.11 U	0.17	0.11	0.55	0.092 U	0.14	8.2	0.17 J	1 J	0.87	2.6	0.026 U	37 J	0.66 J	9.3 J	0.91 J	2.7 J	0.82 J	0.36 U
	04/29/11	ORIG	0.76 J	0.18 U	0.18 U	0.18	0.16	0.46 J	0.15 U	0.16 U	9.2	0.2 J	2 J	0.81	2.9	0.042 U	27 J	0.54 J	6.9 J	0.42 J	1 J	0.24 J	0.59 U
	05/31/11	SPLIT	2.9	0.2	0.11 U	0.44 J	0.12	0.6	0.092 U	0.35 J	14	0.52 J	1.2	1.1	2.6	0.026 U	22 J	1.5 J	5.9	1.4 J	4.4 J	1.5 J	0.36 U
	05/31/11	ORIG	2.5	0.18 U	0.19 U	0.59 J	0.14 UJ	0.51 J	0.16 U	0.25 J	12	0.36 J	1.3	1.1	2.5	0.044 U	27 J	1.2 J	5.1	0.84 J	2.6 J	0.78 J	0.62 U
	06/29/11	Split	2.5 J	0.16	0.11 U	0.3	0.12	0.66 J	0.092 U	0.14 J	8.1	0.22	1.4	0.85	0.099 U	0.026 U	37 J	0.64	5.8 J	2.2 J	5.4 J	2.5 J	0.36 U
	06/29/11	ORIG	1.9 J	0.17 U	0.18 U	0.3	0.13 U	0.52 J	0.15 U	0.32 J	7.9	0.19 UJ	1.3	0.78	2.4	0.041 U	29 J	0.6	2.7 J	0.56 J	1.6 J	0.52 J	0.58 U
	07/27/11	SPLIT	0.64	0.071	0.11 U	0.11	0.41	0.58	0.092 U	0.13	4	0.25	1.3	0.78	2.8	0.026 U	20	0.43	9 J	1.3 J	3 J	1.3 J	0.36 U
	07/27/11	ORIG	0.56	0.16 U	0.16 U	0.1	0.12 U	0.58 J	0.14 U	0.15 U	3.9	0.18 UJ	1.4	0.67	2.6	0.039 U	22	0.32	1.8 J	0.39 J	1 J	0.39 J	0.55 U
	08/31/11	Split	0.88	0.084	0.27 U	0.11	0.2 U	0.52	0.23 U	0.24 U	4.6	0.3 U	1.4 J	0.74	2.7	0.064 U	36 J	0.65	11 J	0.97 J	2.2 J	1.1 J	0.9 U
	08/31/11	ORIG	0.8	0.18 U	0.18 U	0.11	0.15	0.55	0.16 U	0.17 U	5.5	0.2 UJ	1.9 J	0.64	2.8	0.043 U	51 J	0.48	3.4 J	0.46 J	1.3 J	0.48 J	0.61 U
Star City Auto Body																							
Main work area																							
	05/11/04	ORIG	16	3.5	0.74 U	17	0.55 U	0.86 U	0.63 U	0.67 U	4.7 U	0.82 U	13	30	2.3	0.17 U	1100 E	2.6	420	8.6	46	13	2.5 U
	05/11/04	DUP	17	3.6	0.74 U	18	0.55 U	0.86 U	0.63 U	0.67 U	4.8	0.82 U	14	31	2.7	0.17 U	1200 E	3.2	440	9.2	49	14	2.5 U
	09/14/05	ORIG	34	6.5	0.33	16	0.15 U	0.67	0.17 U	0.19	1.5	0.22 U	11	18	1.9	0.047 U	350 E	5.3	38	4.6	21	5.1	0.66 U
	09/14/05	DUP	33	5.5	0.32	16	0.14 U	0.66	0.16 U	0.19	1.5	0.21 U	11	17	2.1	0.045 U	330 E	5	36	4.8	22	5.4	0.63 U
	03/03/09	ORIG	4.2	0.89	0.18 U	0.45	0.13 U	0.49	0.15 U	0.16	1.2	0.19 U	1.8	0.86	2.5	0.041 U	980 E	4.2	25	5.4	19	5.4	0.58 U
	03/31/10	ORIG	12	1.2	0.33	0.87	0.16	0.41	0.15 U	0.22	1.1 U	0.19 U	1.1	1.2	2	0.041 U	290 E	1.5	9.5	1.3	5.2	1.3	0.58 U
	10/07/10	ORIG	0.67	0.35 U	0.53	0.49	0.26 U	0.62	0.3 U	0.32 U	2.3 U	0.39 U	1.9	1.4	2.4	0.084 U	900 E	1.7	18	1.6	5.1	1.7	1.2 U
	03/30/11	ORIG	1.2 U	0.98 U	1 U	0.36 U	0.74 U	1.2 U	0.84 U	0.89 U	6.4 U	1.1 U	1.7	1.4 U	2.8	0.23 U	1000 E	3.4	33	2.1	6.8	2.3 J	3.3 U
Rear area of shop																							
	05/11/04	ORIG	6	3.9 U	4 U	1.6	2.9 U	4.6 U	3.4 U	3.6 U	25 U	4.4 U	4.1 U	5.6 J	3.6 U	0.93 U	5400 E	5.8 U	2400	48	270	78	13 U
	09/14/05	ORIG	23 U	18 U	18 U	6.7 U	14 U	21 U	15 U	16 U	120 U	20 U	19 U	26 U	17 U	4.3 U	6000	27 U	74	14 U	29 U	14 U	60 U
	03/03/09	ORIG	2.9	0.36 U	0.37 U	0.22	0.27 U	0.51	0.59	0.33 U	2.9	0.4 U	1.7	1.1	2.4	0.086 U	5700 E	2.9	120	17	59	14	1.2
	03/31/10	ORIG	14	0.69	0.88	0.83	0.35 U	0.54 U	0.39 U	0.42 U	3 U	0.51 U	1.3	2.2	2	0.11 U	1100 E	1	140	7.8	35	9.1	1.5 U
	10/07/10	ORIG	0.81	0.18 U	0.29	0.45	0.13 U	0.43	0.15 U	0.18	1.1 J	0.2 U	1.8	1.2	2.4	0.042 U	2400 E	2.4	32	3.1	11	2.7	0.59 U

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Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	03/30/11	ORIG	1 U	0.83 U	0.84 U	0.31 U	0.63 U	0.98 U	0.71 U	0.76 U	5.4 U	0.93 U	1.7	1.2 U	2.3	0.2 U	1100 E	3.2	39	2.5	8.3	2.8 J	2.8 U
Side Office																							
	03/31/10	ORIG	7	0.85	0.35	0.39	0.14 U	0.39	0.15 U	0.16 U	1.2 U	0.2 U	1.1	0.96	2.1	0.043 U	270 E	1.4	9.7	0.98	3.4	1	0.6 U
	10/07/10	ORIG	0.48	0.18 U	0.24	0.27	0.14 U	0.43	0.16 U	0.17	1.2 U	0.2 U	1.9	1.1	2.6	0.044 U	350 E	1	9.9	0.81	2.3	0.77	0.62 U
	03/30/11	ORIG	0.33	0.19 U	0.19 U	0.069 U	0.16	0.5	0.16 U	0.18	1.5	0.21 U	1.6	0.65	2.5	0.045 U	470 E	2	19	1.1	3.6	1.4 J	0.63 U
Terra Pave																							
First floor office area																							
	05/11/04	ORIG	110	4.4	0.45	23	0.15 U	0.56	0.17 U	0.24	1.5	0.23	7	26	2.9	0.046 U	41	1.3	10	1.6	5.4	2.1	0.66 U
	09/14/05	ORIG	39	1.6	0.17 U	5.5	0.13 U	0.67	0.14 U	0.21	1.2	0.27	3.4	6.3	2	0.04 U	22	1.1	6.9	0.93	3.5	1	0.57 U
	07/23/08	ORIG	130	5.8	0.19 U	12	0.14 U	0.43	0.16 U	0.4	1.4	0.21 U	3	9	2.3	0.045 U	40	0.84	7.4	0.87	3	1.1	0.63 U
	03/03/09	ORIG	420	18	0.66	56	2.9	0.58	0.39 U	3.3 J	3 U	0.51 U	13	53	2.4	0.11 U	140	1.8	68	1.6	5.3	2.3	1.5 U
	03/03/09	EPA	535.7	19.9	14.2 U	59.4	10.5 U	16.4 U	12 U	12.7 U	9 U	15.6 U	13.5 J	54.4	12.9 U	6.6 U	--	8.3 U	71.6	11.3 U	22.2 U	11.3 U	--
	03/03/09	DUP	420	16	0.46 U	55	0.34 U	0.54	0.39 U	0.73 J	2.9 U	0.5 U	13	50	2.4	0.11 U	140	1.8	68	1.5	5.3	2.2	1.5 U
	07/16/09	SPLIT	52	2.4	0.11 U	4	0.081 U	0.43	0.092 U	0.33	1.3	0.14	1.6	1.6	0.098 U	0.026 U	130	1.7	120	1.1	1.7	1.3	0.35 U
	07/16/09	ORIG	45	2.1	0.4 U	2.4	0.3 U	0.54	0.34 U	0.36 U	2.5 U	0.44 U	1.8	1.5	2.4	0.094 U	230 E	1.6	120	0.69	1.9	0.68	1.3 U
	07/16/09	DUP	47	2.1	0.21 U	2.6	0.15 U	0.57	0.18 U	0.3	1.3	0.23 U	1.7	1.5	2.4	0.049 U	220 E	1.7	110	0.67	1.9	0.72	0.69 U
	08/25/09	ORIG	23	1.2	0.25 U	1 J	0.19 U	0.52	0.21 U	0.4 J	1.6 U	0.28 U	1.6	1.3	2.6	0.059 U	54 J	1.8 J	17	0.73 J	1.9 J	0.62 J	0.83 U
	08/25/09	DUP	20	1.3	0.2 U	1.5 J	0.15 U	0.57	0.84 U	0.32 J	1.6	1.1 U	1.9	1.5	2.6	0.047 U	78 J	2.3 J	18	0.9 J	2.6 J	1 J	0.66 U
	09/30/09	SPLIT	20	0.91	0.065 J	0.79	0.069	0.63	0.046 J	0.21	56 J	0.09 J	1.4	0.92 J	--	0.046	--	1.5	19	7.4	37	15	--
	09/30/09	ORIG	17 J	0.96	0.2 U	0.74	0.15 U	0.61	0.17 U	0.19 J	2.5 J	0.22 U	1.6	1.4 J	2.9	0.047 U	24 J	1.5	17	3.3 J	13 J	4.6 J	0.66 U
	09/30/09	DUP	49 J	1	0.18 U	0.74	0.13 U	0.62	0.15 U	1 J	2.4 J	0.19 U	1.6	1.4 J	2.8	0.041 U	34 J	1.6	18	4.3 J	20 J	6.9 J	0.58 U
	10/29/09	ORIG	130	5.3	0.2 U	7.5 J	0.14 U	0.53	0.16 U	0.33	2.1	0.22 U	2.4	9.4	2.4	0.046 U	93 E	2.2	24	1.1	3.3	1.2	0.64 U
	10/29/09	DUP	160	6.2	0.25 U	8 J	0.18 U	0.57	0.21 U	0.39	2.4	0.27 U	2.6	10	2.5	0.058 U	96	2.7	26	1.3	3.8	1.4	0.81 U
	11/24/09	ORIG	270	11	0.3 U	24	0.22 U	0.48	0.25 U	0.65	2.8	0.33 U	5.8 J	16	2.5	0.07 U	81	3.4	19	4	14	4.8	0.98 U
	11/24/09	DUP	270	10	0.32 U	23	0.24 U	0.45	0.27 U	0.62	2.8	0.35 U	4.7 J	15	2.5	0.075 U	74	3.2	18	3.7	12	4.1	1 U
	12/28/09	ORIG	540	21	0.62 U	80	0.46 U	0.72 U	0.52 U	0.95	4.9	0.68 U	20	60	2.6	0.14 U	690 E	2.1	16	13	48	16	2 U
	12/28/09	DUP	530	21	0.89 U	78	0.66 U	1 U	0.76 U	0.91	5.7 U	0.99 U	20	58	2.3	0.21 U	670 E	2.1	16	12	45	15	3 U
	01/27/10	ORIG	580	21	0.64 U	67	0.47 U	0.73 U	0.54 U	1.2	4 U	0.7 U	16 J	48	2.4	0.15 U	65	2.6	16	4.5	16	5.8	2.1 U
	01/27/10	DUP	550	20	0.59 U	63	0.43 U	0.68 U	0.49 U	1	3.7 U	0.64 U	16	45	2.2	0.14 U	72	2.6	14	4.2	14	5.1	1.9 U
	02/24/10	SPLIT	790	37	0.16	100	0.097	0.58	0.092 U	1.8	4	0.25	18	76	2.2	0.026 U	63 J	3.1	22	8.1	34	15	0.35 U
	02/24/10	ORIG	1000	37	1 U	110	0.78 U	1.2 U	0.89 U	1.6	6.7 U	1.2 U	20	78	0.96 U	0.25 U	81 J	3.9	28	8.6	35	13	3.5 U
	02/24/10	DUP	1000	38	1.7 U	110	1.2 U	2 U	1.4 U	1.5 U	11 U	1.9 U	21	78	1.5 U	0.4 U	83	4	28	8.8	36	14	5.6 U
	03/31/10	SPLIT	30	1.6 J	0.11 U	4.4 J	0.081 U	0.64 J	0.092 U	0.13	0.69 U	0.22	2.4 J	4.2 J	2.6	0.026 U	14 J	0.7 J	1.8 J	0.36 J	1.3 J	0.5 J	0.35 U
	03/31/10	ORIG	30	1.2 J	0.18 U	2.9 J	0.14	0.42 J	0.15 U	0.16 U	1.1 U	0.19 U	1.6 J	3.4 J	2.2	0.041 U	9.6 J	0.53 J	1.2 J	0.22 J	0.53 J	0.18 J	0.58 U
	03/31/10	DUP	30	1.3	0.18 U	2.6	0.17	0.42	0.15 U	0.16 U	1.1 U	0.2 U	1.8	3.6	2.3	0.042 U	5.9 J	0.56	1.3	0.2	0.53	0.18	0.59 U

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Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
04/28/10	SPLIT		20	1.5 J	0.11 U	2.4 J	0.098	0.22 J	0.11	0.13	0.47 J	0.12 U	1.4	2	2.4	0.026 U	15 J	0.53 J	12 J	3.9 J	15 J	5 J	0.35 U
04/28/10	ORIG		22	1.2 J	0.2 U	1.9 J	0.15 U	0.42 J	0.17 U	0.18 U	3.5 J	0.22 U	1.5	2.2 J	2.4	0.047 U	7.2 J	0.36 J	2.5 J	0.16 UJ	0.32 UJ	0.16 UJ	0.66 U
04/28/10	DUP		22	1.3	0.21 U	1.6 J	0.15 U	0.37	0.18 U	0.19 U	1.3 U	0.23 U	1.5	2.3 J	2.5	0.049 U	6.7	0.37	0.82 J	0.16 U	0.33 U	0.16 U	0.69 U
05/27/10	ORIG		640	23	0.7 U	78	0.52 U	0.8 U	0.59 U	1.1	4.4 U	0.77 U	12	53	2.9	0.16 U	49	1.4	6.8	1.3	3.8	1.3	2.3 U
06/24/10	ORIG		3.5	0.22	0.19 U	0.13	0.14 UJ	0.41	0.16 U	0.17 U	1.8 J	0.2 U	1.7	0.6	2.6	0.044 U	35 J	1.8	8.3	1.2	4.4	1.7	0.62 U
06/24/10	DUP		3.5	0.22	0.18 U	0.36	0.14 UJ	0.39	0.15 U	0.16 U	2.5 J	0.2 U	1.7	0.63	2.5	0.043 U	34 J	1.8	8.4	1.2	4.5	1.8	0.6 U
07/01/10	ORIG		3.3	0.22	0.18 U	0.12	0.13 U	0.41	0.15 U	0.22	2.3	0.19 U	1.9	0.63	2.7	0.041 U	73	1.4	7.4	0.67	2.1	0.78	0.58 U
07/08/10	ORIG		2.2	0.19 U	0.19 U	0.069 U	0.14 UJ	0.5	0.16 U	0.17 U	2.5 J	0.21 U	1.6	0.66	2.5	0.045 U	530 E	2	7.4	0.63	1.9	0.69	0.63 U
07/08/10	DUP		2.1	0.19 U	0.19 U	0.069 U	0.14 UJ	0.42	0.16 U	0.17 U	4 J	0.21 U	1.7	0.67	2.5	0.045 U	540 E	1.9	7.3	0.63	1.8	0.7	0.63 U
07/28/10	ORIG		3.5	0.36	0.17 U	0.37	0.13	0.4	0.16	0.15 U	6.2	0.19 U	1.2	0.47	2	0.044	74	2 J	68 J	2.6 J	8.3	3.3	0.56 U
07/28/10	DUP		3.8	0.29	0.17 U	0.39	0.13 U	0.38	0.14 U	0.15 U	2.4	0.19 U	1.2	0.54	2	0.04 U	72	1.5 J	6.1 J	1.8 J	7	3	0.57 U
08/27/10	ORIG		1.7	0.14 U	0.15 U	0.092	0.11 U	0.43	0.12 U	0.21	3.6	0.16 U	1.7 J	0.66	2.2	0.034 U	39	1.8	18	0.87	2.6	0.86	0.48 U
08/27/10	DUP		1.5	0.18 U	0.19 U	0.068 U	0.14 U	0.41	0.16 U	0.16 J	2.5	0.2 U	1.7 J	0.57	2.2	0.044 U	31	1.3	12	0.65	1.8	0.58	0.62 U
09/29/10	SPLIT		2.7 J	0.22	1.2 U	0.45 U	0.91 U	1.4 U	1 U	1.1 U	7.8 U	1.4 U	2	1.7 U	2.9	0.29 U	180	3.6	97 J	74	310	120	4.1 U
09/29/10	ORIG		1.9 J	0.56 U	0.57 U	1.7 J	0.42 U	0.66 U	0.48 U	0.51 U	9.7	0.63 U	2.4 J	1.8	2.7	0.13 U	210	3.9	120 J	78	340	130	1.9 U
09/29/10	DUP		1.9 J	0.56 U	0.57 U	0.34 J	0.42 U	0.66 U	0.48 U	0.51 U	9.4	0.63 U	1.6 J	1.1	2.7	0.13 U	190	3.8	120 J	80	350	140	1.9 U
10/27/10	ORIG		1.5	0.18 U	0.18 U	0.25	0.13 U	0.44	0.15 U	0.29	16 J	0.2 U	1.6 J	3	2.6	0.042 U	53	2.8	20 J	5.7	28	9.8	0.59 U
10/27/10	DUP		1.5	0.18 U	0.18 U	0.26	0.13 U	0.46	0.15 U	0.23	4.4 J	0.2 U	2.4 J	3.2	2.7	0.042 U	54	2.8	12 J	5.6	28	9.8	0.59 U
11/30/10	ORIG		1.2	0.18 U	0.18 U	0.14	0.21	0.44 J	0.15 U	0.2	2.3	0.2 U	1.2	0.6	2.5	0.042 U	34	3.2	16	2.5	10	3.7	0.59 U
11/30/10	DUP		1.2	0.18 U	0.18 U	0.14	0.19	0.46 J	0.15 U	0.16 U	2.3	0.2 U	1.1	0.62	2.6	0.042 U	34	3.2	16	2.6	10	3.7	0.59 U
12/28/10	ORIG		1.1 J	0.18 U	0.19 U	0.13	0.21	0.47 J	0.16 U	0.17 U	1.2 U	0.2 U	1.5	0.65	2.6	0.044 U	22	2.4	8.5	1	3.2 J	1.2 J	0.62 U
12/28/10	DUP		1.4 J	0.15 U	0.16 U	0.19	0.18	0.46 J	0.13 U	0.14 J	1.1	0.21	1.5	0.68	2.6	0.037 U	23	2.8	9.7	1.2	4 J	1.5 J	0.52 U
01/26/11	ORIG		1.3	0.17 U	0.17 U	0.15	0.13 U	0.48 J	0.14 U	0.21	4.5	0.19 U	1.8	1	2.5	0.04 U	410 E	4.7	25	3.4	14	4.3	0.57 U
01/26/11	DUP		1.3	0.16 U	0.16 U	0.14	0.12 U	0.46 J	0.14 U	0.18	4.5	0.18 U	1.8	1.1	2.5	0.039 U	410 E	4.8	25	3.5	14	4.4	0.55 U
02/28/11	ORIG		0.92 J	0.74 U	0.75 U	0.27 UJ	0.56 U	0.86 U	0.63 U	0.67 U	4.8 U	0.83 U	1.8	1 U	2.1	0.18 U	250	1.9	54	3.6	9.9	2.4	2.5 U
02/28/11	DUP		0.95	0.74 U	0.75 U	0.27 UJ	0.56 U	0.86 U	0.63 U	0.67 U	4.8 U	0.83 U	1.8	1 U	2.1	0.18 U	260	1.9	54	3.7	10	2.4	2.5 U
03/30/11	SPLIT		3.3 J	0.24	0.11 U	0.27 J	0.11	0.62 J	0.092 U	0.28 J	3.7	0.17	1.6	0.83 J	2.7	0.026 U	60	2.5 J	11	3.1 J	11 J	4.6 J	0.36 U
03/30/11	ORIG		2.2 J	0.19 U	0.2 U	0.24 J	0.14 U	0.46 J	0.16 U	0.21 J	3.7	0.22 U	1.5	0.63 J	2.4	0.046 U	67	1.9 J	9.8	1.8 J	7 J	2.5 J	0.64 U
04/29/11	ORIG		0.73	0.18 U	0.18 U	0.094	0.15	0.45 J	0.15 U	0.16 U	4.9	0.2 J	2.2 J	0.93	2.9	0.042 U	32	1.1	5.6	0.71	2.1	0.7	0.59 U
05/31/11	ORIG		2.7	0.17 U	0.18 U	0.29	0.13 UJ	0.53 J	0.15 U	0.23	1.1 U	0.19 U	1.3	0.75	2.6	0.041 U	22	1.4	5.4	0.61	1.9	0.69 J	0.58 U
06/29/11	ORIG		0.59	0.18 U	0.18 U	0.067 U	0.14 U	0.34	0.15 U	0.16 U	1.2 U	0.2 UJ	0.86	0.38	1.6	0.043 U	53	0.69	5.8	0.58	1.9	0.63	0.6 U
07/27/11	SPLIT		0.81	0.081	0.11 U	0.084	0.089	0.6	0.092 U	0.11	0.69 U	0.25	1.3	0.56	2.9	0.026 U	31 E	0.68	5.5 J	0.88 J	2.8 J	1.1 J	0.36 U
07/27/11	ORIG		0.78	0.17 U	0.17 U	0.063	0.13 U	0.49 J	0.14 U	0.15 U	1.1 U	0.19 UJ	1.3	0.54	2.4	0.04 U	45 J	0.59	3.9 J	0.49 J	1.4 J	0.39 J	0.57 U
08/31/11	ORIG		1.2	0.17 U	0.18 U	0.077	0.13 U	0.59	0.15 U	0.16 U	1.1 U	0.19 UJ	2.1	0.61	3	0.041 U	30	0.85	18	5.7	27	9.6	0.58 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Maintenance Shop																							
07/23/08	ORIG		26	1.4	0.2 U	2.1	0.14 U	0.44	0.16 U	0.18	3.7	0.21 J	1.6	2.6	2.2	0.046 U	25	1.6	11	2.2	8.6	2.9	0.64 U
07/23/08	EPA		48.13 J	4.83 U	4.91 U	4.36 J	3.64 U	5.66 U	4.14 U	4.39 U	6.25 J	5.41 U	5.06 U	6.9 U	4.45 U	2.3 U	--	2.87 U	15.81	3.91 U	9.99 J	3.91 U	--
03/03/09	ORIG		42	15 U	15 U	11 U	11 U	17 U	12 U	13 U	9.5 U	16 U	15 U	21 U	14 U	7 U	5600 E	8.7 U	2600	12 U	18	12 U	9.9 U
07/16/09	ORIG		22	3.8 U	3.8 U	1.7	2.8 U	4.4 U	3.2 U	3.4 U	24 U	4.2 U	3.9 U	5.4 U	3.5 U	0.89 U	2700 E	5.6 U	1700	3 U	6.1 U	3 U	13 U
08/25/09	ORIG		12	1.7 U	1.7 U	0.61	1.2 U	2 U	1.4 U	1.5 U	11 U	1.9 U	1.9	2.4 U	2.7	0.4 U	1500 E	4.7	720	2.4	7	2.3	5.6 U
09/30/09	ORIG		29	1.9	0.19 U	2	0.14 U	0.57	0.16 U	0.17 U	7.4	0.48	1.7	2.3 J	2.5	0.045 U	130 E	8.6	100	28	120	52	0.63 U
10/29/09	ORIG		36	2	0.86 U	2.2 J	0.64 U	0.99 U	0.73 U	0.77 U	6.2	0.95 U	1.9	6.2	2.5	0.2 U	890 E	3	490	2.8	8.8	3.3	2.8 U
11/24/09	ORIG		25	1.3	0.2 U	2	0.14 U	0.47	0.16 U	0.17 U	4	0.22 U	1.5	2.1	2.5	0.046 U	64	6.9	36	8.4	33	11	0.64 U
12/28/09	ORIG		63	3.3	1 U	6.4	0.76 U	1.2 U	0.86 U	0.91 U	9.4	1.1 U	3.2	5.3	2.4	0.24 U	1900 E	1.9	25	48	200	73	3.4 U
01/27/10	ORIG		24	1.3	0.21 U	2.2	0.15 U	0.48	0.18 U	0.19 U	5.6	0.23 U	2	2	2.5	0.049 U	28	2.4	17	6	25	8.9	0.69 U
02/24/10	ORIG		11	0.89	0.21 U	1.1	0.16 U	0.54	0.18 U	0.19 U	3.3	0.23 U	1.6	1.3	2.8 J	0.05 U	1000 E	2.6	38	4.5	20	8	0.7 U
03/31/10	ORIG		19	1	0.18 U	1.6	0.2	0.41	0.15 U	0.16 U	7.2	0.2 U	1.3	1.8	2	0.042 U	25	5.3	38	4.3	18	5	0.59 U
04/28/10	ORIG		46	2.2	0.15 U	3 J	0.11 U	0.41	0.12 U	0.16	8.7	0.16 U	1.7	2.7 J	2.2	0.035 U	34	1.6	9	0.98	3.5	1.1	0.49 U
05/27/10	ORIG		7.9	0.48	0.19 U	1.2	0.14 U	0.52	0.16 U	0.17 U	4.5	0.2 U	1.9	1.6	2.8	0.044 U	140 E	2.3	19	3.7	15	5.1	0.62 U
06/18/10	ORIG		2.5 U	2 U	2 U	0.74 U	1.5 U	2.4 U	1.7 U	1.8 U	13	2.2 U	2.1 U	2.9 U	2.2	0.48 U	1300 E	35	620	64	260	61	6.7 U
06/24/10	ORIG		0.68	0.18 U	0.18 U	0.066	0.13 UJ	0.42	0.15 U	0.16 U	4.4	0.2 U	1.6	0.54	2.6	0.058	48 J	6.7	37	6.1	36	17	0.59 U
07/01/10	ORIG		5.9 U	4.7 U	4.8 U	3.5 U	3.5 U	5.5 U	4 U	4.3 U	4.8	5.3 U	4.9 U	6.7 U	4.3 U	2.2 U	380	9.7	21	3.8 U	12	4.5	3.2 U
07/08/10	ORIG		0.56	0.35 U	0.36 U	0.13 U	0.26 UJ	0.58	0.3 U	0.32 U	5	0.39 U	1.7	0.73	2.4	0.084 U	1000 E	3.8	13	1	3.1	1.1	1.2 U
07/28/10	ORIG		0.58	0.18 U	0.18 U	0.067 U	0.37	0.44	0.15 U	0.21	3	0.2 U	1.2	0.4	2.1	0.043 U	41	2.1	12	3.6	14	6.2	0.6 U
08/27/10	ORIG		0.66	0.19 U	0.19 U	0.077	0.14 U	0.41	0.16 U	0.17 U	8.7	0.21 U	1.6 J	0.69	2.3	0.045 U	45	2.2	32	1.7	6.1	1.9	0.63 U
09/29/10	ORIG		0.65	0.36 U	0.37 U	0.18	0.27 U	0.44	0.31 U	0.33 U	4.2	0.4 U	1.9	1.2	2.8	0.086 U	710 E	2.4	12	8.9	43	17	1.2 U
10/27/10	ORIG		0.33	0.18 U	0.18 U	0.12	0.13 U	0.41	0.15 U	0.16 U	3.9	0.2 U	1.5	3	2.5	0.042 U	96 E	2	7.9	5.3	31	12	0.59 U
11/30/10	ORIG		0.47	0.18 U	0.18 U	0.065 U	0.21	0.42 J	0.15 U	0.16 U	2.6	0.2 U	1	0.5	2.4	0.042 U	300 E	3.8	18	4.2	18	6.2	0.59 U
12/28/10	ORIG		0.74	0.16 U	0.16 U	0.072	0.18	0.47 J	0.14 U	0.14 U	3.6	0.18 U	1.4	0.57	2.5	0.038 U	48	3.5	20	3.6	15	4.5	0.54 U
01/26/11	ORIG		0.55	0.22 U	0.23 U	0.083 U	0.17 U	0.49 J	0.19 U	0.2 U	3.7	0.25 U	1.5	0.62	2.4	0.054 U	760 E	10	130	8.8	36	9.3	0.76 U
02/28/11	ORIG		58 U	46 U	47 U	34 U	35 U	54 U	39 U	42 U	30 U	51 U	48 U	66 U	42 U	22 U	8700 E	27 U	2200	91	260	48	31 U
03/30/11	ORIG		0.54	0.17 U	0.18 U	0.064 U	0.23	0.49	0.15 U	0.17	3.1	0.19 U	1.4	0.54	2.3	0.041 U	300 E	6.4	29	4.4	20	6	0.58 U
04/29/11	SPLIT		0.46 J	0.055	0.11 U	0.046	0.081 U	0.55	0.092 U	0.14	8.1	0.12 J	1.6 J	0.73	2.6	0.026 U	28 J	3.3	24 J	6.6 J	27 J	11 J	0.46
04/29/11	ORIG		0.32 J	0.18 U	0.18 U	0.067 U	0.19	0.44 J	0.15 U	0.16 U	7.8	0.2 J	2 J	0.65	2.8	0.043 U	40 J	3.1	18 J	2.6 J	10 J	3 J	0.6 U
05/31/11	SPLIT		2.1 J	0.14	0.11 U	0.13	0.097	0.62	0.092 U	0.28	0.78	0.24	1.2	0.73	2.6	0.026 U	21 J	2.8	29	2.1 J	7.7 J	3.3	0.36 U
05/31/11	ORIG		1.5 J	0.19 U	0.2 U	0.12	0.14 UJ	0.52 J	0.16 U	0.25	1.2 U	0.22 U	1.3	0.66	2.5	0.046 U	29 J	2.5	25	1.2 J	4.4 J	1.6 J	0.64 U
06/29/11	Split		0.51 J	0.065	0.11 U	0.04 U	0.12	0.63 J	0.092 U	0.13	0.69 U	0.14	1.3	0.62	0.86 J	0.026 U	41	2.4 J	16	4.4 J	14 J	6.7 J	0.36 U
06/29/11	ORIG		0.37 J	0.18 U	0.18 U	0.065 U	0.13 U	0.45 J	0.34	0.16 U	1.2	0.2 UJ	1.2	0.56	2.4 J	0.042 U	34	3 J	13	2.1 J	7.4 J	2.5 J	0.59 U
07/27/11	ORIG		0.57	0.19 U	0.19 U	0.069 U	0.14 U	0.53 J	0.54	0.17 U	1.4	0.21 UJ	1.4	0.58	2.6	0.045 U	100 E	7	36	6.1	25	8	0.63 U

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Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	08/31/11	Split	1.1	0.11	0.48 U	0.17 U	0.35 U	0.55 U	0.49	0.43 U	3 U	0.53 U	2.1	0.75	2.7	0.11 U	68 J	3.3	180	72 J	300	150 J	1.6 U
	08/31/11	ORIG	1	0.47 U	0.48 U	0.17 U	0.35 U	0.58	0.4 U	0.43 U	3 U	0.53 UJ	2	0.67	3	0.11 U	93 J	3	160	54 J	250	98 J	1.6 U
Second floor office area																							
	05/11/04	ORIG	100	4	0.49	21	0.15 U	0.62	0.17 U	0.23	1.4	0.22 U	6.9	26	2.6	0.046 U	43	1.4	8.7	1.5	5.5	2.1	0.66 U
	09/14/05	ORIG	45	1.7	0.2 U	6	0.15 U	0.63	0.17 U	0.21	1.3	0.22 U	3.4	6.8	1.5	0.047 U	37	1.2	6.5	0.95	3.3	0.96	0.66 U
	07/23/08	ORIG	140	5.9	0.19 U	12	0.14 U	0.44	0.16 U	0.43	1.5	0.21 U	3.1	10	2.3	0.045 U	37	0.88	7	0.88	3.1	1.1	0.63 U
	03/03/09	ORIG	330	12	0.52 U	41	0.39 U	0.6 U	0.44 U	0.59	3.3 U	0.57 U	11	37	2.5	0.12 U	110	2	49	1.5	4.9	2	1.7 U
	07/16/09	ORIG	47	2.1	0.19 U	2.6	0.14 U	0.55	0.16 U	0.31	1.4	0.21 U	2	1.6	2.4	0.045 U	180 E	1.7	89	0.65	2	0.7	0.63 U
	08/25/09	ORIG	18	1.1	0.16 U	0.92	0.12 U	0.54	0.14 U	0.33	1.5	0.18 U	1.6	1.2	2.6	0.039 U	54	1.9	13	0.81	2.4	0.78	0.55 U
	09/30/09	ORIG	39	1.7	0.19 U	1.4	0.14 U	0.64	0.16 U	0.22	4.2	0.2 U	1.7	1.8 J	2.9	0.044 U	34	2.1	28	7.3	38	13	0.62 U
	10/29/09	ORIG	95	3.8	0.19 U	4.7 J	0.14 U	0.43	0.16 U	0.28	1.9	0.2 U	2	8.1	2.4	0.044 U	79	2.1	22	1	3	1.1	0.62 U
	11/24/09	ORIG	240	9.5	0.35 U	19	0.26 U	0.42	0.3 U	0.61	3.2	0.39 U	4.2	14	2.4	0.082 U	84	3.1	19	4.2	14	5	1.2 U
	12/28/09	ORIG	520	20	0.89 U	57	0.66 U	1 U	0.76 U	0.97	8.6	0.99 U	14	39	2.2	0.21 U	2300 E	2.8	34	39	150	47	3 U
	01/27/10	ORIG	540	20	0.81 U	59	0.6 U	0.94 U	0.68 U	1.1	5.3	0.9 U	14	40	2.2	0.19 U	86	3.7	40	6.6	23	8.3	2.7 U
	02/24/10	ORIG	970	36	1.4 U	100	1.1 U	1.6 U	1.2 U	1.8	9.2 U	1.6 U	20	74	2.8 J	0.34 U	110	5	37	12	48	19	4.7 U
	03/31/10	ORIG	48	1.8	0.2 U	3.6	0.15 U	0.42	0.17 U	0.18 U	1.3 U	0.22 U	1.8	4.2	2.2	0.047 U	13	0.51	1.4	0.2	0.56	0.2	0.66 U
	04/28/10	ORIG	62	2.9	0.2 U	4.7 J	0.15 U	0.42	0.17 U	0.18 U	1.3 U	0.22 U	2	4.4 J	2.4	0.047 U	12	0.43	1.2	0.16	0.45	0.16	0.66 U
	05/27/10	ORIG	660	24	0.7 U	85	0.52 U	0.81 U	0.59 U	1.2	5.7	0.78 U	12	54	2.9	0.16 U	54	1.9	11	2	6.1	2	2.3 U
	06/24/10	ORIG	3.9	0.24	0.19 U	0.43	0.14 UJ	0.4	0.16 U	0.17 U	2.6	0.21 U	1.8	0.59	2.5	0.045 U	43 J	3.2	16	2.4	11	4.3	0.63 U
	07/01/10	ORIG	3.4	0.36 U	0.37 U	0.17	0.27 U	0.42 J	0.31 U	0.33 U	3.2	0.4 U	2.1	0.71	2.5	0.086 U	120	3	9.1	0.98	3	1.2	1.2 U
	07/08/10	ORIG	1.5	0.25 U	0.26 U	0.093 U	0.19 UJ	0.42	0.22 U	0.23 U	4	0.28 U	1.6	0.64	2.5	0.06 U	770 E	3.2	12	0.95	2.9	1	0.84 U
	07/28/10	ORIG	4	0.29	0.18 U	0.24	0.14 U	0.38	0.15 U	0.16 U	3.9	0.2 U	1.4	0.54	2	0.043 U	150 E	1.9	9.2	2.8	11	4.6	0.6 U
	08/27/10	ORIG	2	0.22 U	0.22 U	0.08 U	0.16 U	0.4	0.18 U	0.2 U	3.4	0.24 U	1.8 J	0.59	2.1	0.051 U	42	1.5	16	0.83	2.4	0.96	0.72 U
	09/29/10	ORIG	2.4	0.88 U	0.89 U	0.54	0.66 U	1 U	0.76 U	0.8 U	17	0.99 U	2.9	1.4	2.5	0.21 U	320	5.6	200	130	520	200	3 U
	10/27/10	ORIG	1.3	0.18 U	0.18 U	0.24	0.14 U	0.43	0.15 U	0.25	12	0.2 U	2.4	3	2.5	0.043 U	56	2.5	16	5.2	27	9.3	0.6 U
	11/30/10	ORIG	1	0.18 U	0.18 U	0.12	0.16	0.42 J	0.15 U	0.16 U	2.4	0.2 U	1.1	0.61	2.5	0.042 U	34	3	16	2.5	10	3.6	0.59 U
	12/28/10	ORIG	1.4	0.14	0.14 U	0.25	0.17	0.5 J	0.12 U	0.14	1.3	0.21	1.6	0.7	2.5	0.034 U	30	2.9	13	1.5	5	1.6	0.48 U
	01/26/11	ORIG	1.3	0.2 U	0.2 U	0.14	0.15 U	0.52 J	0.17 U	0.31	4.1	0.22 U	1.8	0.98	2.6	0.048 U	410 E	4.5	25	3.3	13	4.2	0.67 U
	02/28/11	ORIG	0.68	0.34 U	0.34 U	0.14 J	0.25 U	0.4	0.29 U	0.3 U	2.2 U	0.38 U	1.7	0.66	2.3	0.08 U	130	1.5	27	2	5.4	1.4	1.1 U
	03/30/11	ORIG	1.1	0.18 U	0.18 U	0.16 J	0.17	0.52	0.15 U	0.2	2.8	0.2 U	1.7	0.75	2.6	0.042 U	39	1.7	7.5	1.2	4.1	1.4	0.59 U
	04/29/11	ORIG	0.68	0.18 U	0.18 U	0.081	0.16	0.39 J	0.15 U	0.16 U	4.5	0.2 J	2.2 J	0.9	2.9	0.042 U	31	1.2	6.3	0.68	2	0.67	0.59 U
	05/31/11	ORIG	2.4	0.19	0.19 U	0.24	0.14 UJ	0.52 J	0.16 U	0.23	1.2 U	0.2 U	1.3	0.74	2.6	0.044 U	20	1.4	5.7	0.62	2	0.72 J	0.62 U
	06/29/11	ORIG	0.8	0.18 U	0.18 U	0.066 U	0.13 U	0.48	0.15 U	0.16 U	1.2 U	0.2 UJ	1.3	0.56	2.3	0.042 U	58	1.1	6.7	0.8	2.6	1	0.6 U
	07/27/11	ORIG	0.86	0.16 U	0.16 U	0.079	0.12 U	0.56 J	0.14 U	0.14 U	1 U	0.18 UJ	1.5 J	0.59	2.7	0.038 U	44	0.63	3.8	0.55	1.8	0.61	0.54 U
	08/31/11	ORIG	1.1	0.18 U	0.18 U	0.089	0.13 U	0.61	0.15 U	0.16 J	1.1 U	0.2 UJ	2.1	0.66	2.9	0.042 U	27	0.91	24	8	36	13	0.59 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
Women and Children's Crisis Shelter																							
First Floor Great Room																							
05/27/10	ORIG		8	0.78	0.19 U	4.6 J	0.14 U	0.5	0.16 U	0.17 U	1.2 U	0.2 U	2	2 J	2.8	0.044 U	11	0.55	1.8	0.24	0.58	0.2	0.62 U
07/01/10	ORIG		4.3	0.4	0.17 U	1.6	0.25	0.29	0.14 U	0.23	2.3	0.19 U	1.8	0.87	2.5	0.04 U	52	0.87	29	2.8	21	3	0.56 U
07/28/10	ORIG		4.7	0.47	0.2 U	1.4	0.15 U	0.37	0.17 U	0.18 U	1.3 U	0.22 U	1.3	0.74	2	0.047 U	17	0.57	1.8	0.39	0.96	0.3	0.66 U
08/27/10	ORIG		3.9	0.23	0.2 U	1.1	0.14 U	0.43	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.74	2.1	0.046 U	16	0.8	2.5	0.36	0.78	0.36	0.64 U
10/07/10	ORIG		5.8	0.28	0.19 U	1.1	0.14 U	0.45	0.16 U	0.17 U	1.2 U	0.21 U	2	0.88	2.8	0.045 U	16	0.6	1.8	0.21	0.52	0.16	0.63 U
10/27/10	ORIG		3.1	0.14	0.15 U	0.28	0.11 U	0.44	0.12 U	0.13 U	1	0.16 U	1.8	1.1	2.6	0.035 U	9.4	0.94	2.5	0.35	1	0.33	0.49 U
11/30/10	ORIG		15	0.6	0.19 U	2.6	0.14 U	0.32 J	0.16 U	0.17 U	1.2 U	0.2 U	1	0.84	1.7	0.044 U	1200 E	1	2.5	0.49	1.5	0.51	0.62 U
12/28/10	ORIG		4.8	0.39	0.15 U	0.5	0.19	0.49 J	0.12 U	0.17	0.95	0.16 U	1.6	0.86	2.6	0.034 U	19	4.3	12	1.2	3.6	0.97	0.48 U
01/26/11	ORIG		2.9	0.17 J	0.17 U	0.21	0.2	0.33 J	0.14 U	0.16	1.2	0.19 U	1.6	0.6	2.6	0.04 U	23	1.4	5.2	0.65	2	0.81	0.57 U
02/28/11	ORIG		2	0.19 U	0.2 U	0.32 J	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.4	0.7	2.5	0.046 U	9.9	0.97	2.2	0.35	1	0.34	0.64 U
03/30/11	ORIG		5.3	0.29 J	0.3 U	3.1	0.22 U	0.48	0.25 U	0.26 U	1.9 U	0.33 U	1.8	2	2.4	0.07 U	17	1.2	4	0.61	1.8	0.56 J	0.98 U
04/29/11	ORIG		4.9	0.22	0.18 U	0.68	0.15	0.48	0.15 U	0.16 U	1.1 U	0.2 UJ	2.4	1.6	3.2	0.042 U	12	0.48	1.6	0.16	0.35	0.14 U	0.59 U
05/31/11	ORIG		3.4	0.19 U	0.19 U	0.49	0.14 UJ	0.54 J	0.16 U	0.17	1.2 U	0.21 U	1.3	0.99	2.6	0.045 U	14	0.99	3.1	0.42	1.2	0.43 J	0.63 U
06/29/11	ORIG		4.2	0.2	0.16 U	0.46	0.12 U	0.49	0.14 U	0.15 U	1 U	0.18 UJ	1.3	0.85	2.4	0.038 U	25	0.57	1.8	0.31	0.91	0.44	0.54 U
07/27/11	ORIG		6	0.3	0.17 U	0.85	0.13 U	0.5	0.14 U	0.15 U	1.1 U	0.19 UJ	1.4 J	1	2.5	0.04 U	10	0.32	1	0.18	0.52	0.19	0.57 U
08/31/11	ORIG		6.1	0.32	0.18 U	0.9	0.14 U	0.68	0.15 U	0.26	1.6	0.2 UJ	2.2	1.3	3.2	0.043 U	20	0.52	1.6	0.23	0.59	0.22	0.6 U
First Floor Office (Right Side of Building)																							
05/27/10	ORIG		13	1	0.17 U	7.9 J	0.13 U	0.55	0.14 U	0.15 U	1.1 U	0.19 U	2.6	3.1 J	2.9	0.04 U	26	0.53	1.8	0.25	0.6	0.2	0.57 U
07/01/10	ORIG		8.9	0.65	0.19 U	4	0.14 U	0.45	0.16 U	0.2	1.4	0.2 U	2.2	1.5	2.8	0.044 U	36	0.88	2.5	0.24	0.51	0.27	0.62 U
07/28/10	ORIG		4.5	0.44	0.2 U	1.4	0.14 U	0.22 U	0.16 U	0.17 U	1.2 U	0.22 U	1.3	0.79	2.1	0.046 U	39	0.61	1.9	3.2	8.3	1.7	0.64 U
08/27/10	ORIG		4.6	0.23	0.18 U	0.53	0.13 U	0.44	0.15 U	0.16 J	1.1 U	0.2 U	1.6	0.74	2.2	0.042 U	20	0.79	2.3	0.3	0.7	0.25	0.59 U
10/07/10	ORIG		6	0.27	0.19 U	1.3	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.9	0.86	2.6	0.045 U	20	0.74	1.9	0.24	0.62	0.22	0.63 U
10/27/10	ORIG		1.9	0.18 U	0.18 U	0.14	0.13 U	0.4	0.15 U	0.16 U	1.2	0.2 U	1.8	0.88	2.6	0.042 U	14	0.69	4.8	0.17	0.3	0.14 U	0.59 U
11/30/10	ORIG		24	18 U	18 U	13 U	14 U	21 U	15 U	16 U	12 U	20 U	19 U	26 U	2.8 J	8.6 U	67	2.4 J	4.1 J	14 U	2.2 J	14 U	12 U
12/28/10	ORIG		3.9	0.19	0.16 U	0.46	0.17	0.48 J	0.13 U	0.14 U	1 U	0.17 U	1.6	0.85	2.7	0.037 U	13	1.3	3.8	0.48	1.3	0.42	0.52 U
01/26/11	ORIG		3.5	0.19	0.19 U	0.28	0.2	0.34 J	0.16 U	0.17 U	1.2	0.21 U	1.6	0.62	2.6	0.045 U	19	1.4	4.6	0.63	1.8	0.55	0.63 U
02/28/11	ORIG		2.4	0.18 U	0.18 U	0.39 J	0.13 J	0.42	0.15 U	0.16 U	2.9	0.2 U	1.7	0.72	2.5	0.042 U	11	1	2.6	0.4	1.2	0.4	0.59 U
03/30/11	ORIG		4.1	0.24	0.17 U	0.6 J	0.13 U	0.5	0.14 U	0.21	2.1	0.19 U	1.6	1	2.6	0.04 U	20	1.2	7	0.6	1.5	0.48 J	0.57 U
04/29/11	ORIG		3.4 J	0.35 J	0.15 UJ	0.53 J	0.24 J	0.44 J	0.12 UJ	0.19 J	1.8 J	0.16 UJ	2 J	1.1 J	2.9 J	0.034 UJ	26 J	0.73 J	14 J	0.65 J	1.1 J	0.33 J	0.48 UJ
05/31/11	ORIG		3.7	0.18 U	0.19 U	0.46	0.14 UJ	0.53 J	0.16 U	0.2	1.2 U	0.2 U	1.3	0.96	2.6	0.044 U	14	1	3.2	0.44	1.3	0.45 J	0.62 U
06/29/11	ORIG		4.3	0.19	0.18 U	0.39	0.14 U	0.48	0.15 U	0.16 U	1.2 U	0.2 UJ	1.2	0.77	2.2	0.043 U	26	0.49	1.6	0.28	0.86	0.31	0.6 U
07/27/11	ORIG		16	0.74	0.16 U	2.2	0.12 U	1.3 J	0.14 U	0.3	1.9	0.18 UJ	3.2 J	2.6	6.2	0.039 U	28	0.79	2.7	0.44	1.3	0.47	0.55 U
08/31/11	ORIG		6.1	0.31	0.18 U	0.84	0.14 U	0.61	0.16 U	0.17	1.2 U	0.2 UJ	2.1	1.2	3	0.043 U	17	0.5	1.6	0.22	0.6	0.23	0.61 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
First Floor Outside Elevator																							
05/27/10	ORIG		21	1.4	0.2 U	12 J	0.15 U	0.53	0.17 U	0.18 U	1.3 U	0.22 U	2.9	4.8 J	2.7	0.047 U	21	0.64	2	0.29	0.74	0.26	0.66 U
07/01/10	ORIG		11	0.75	0.19 U	3.9	0.73	0.44	0.16 U	0.36	1.2 U	0.21 U	2.2	1.5	2.7	0.045 U	27	1.6	2.6	0.23	0.47	0.17	0.63 U
07/28/10	ORIG		5.5	0.47	0.18 U	1.4	0.13 U	0.41	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.71	2.1	0.042 U	14	0.58	2.2	0.65	1.6	0.43	0.59 U
08/27/10	ORIG		5.1	0.24	0.19 U	0.37	0.14 U	0.42	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.62	2.1	0.045 U	15	0.79	2.3	0.31	0.76	0.26	0.63 U
10/07/10	ORIG		5.5	0.26	0.18 U	1.1	0.14 U	0.46	0.15 U	0.16 U	1.2 U	0.2 U	1.9	0.84	2.6	0.043 U	15	0.61	1.8	0.21	0.53	0.18	0.6 U
10/07/10	DUP		5.6	0.26	0.17 U	1.3	0.14	0.47	0.14 U	0.15 U	1.1 U	0.19 U	2	1	2.8	0.04 U	14	0.62	1.8	0.21	0.53	0.18	0.57 U
10/27/10	ORIG		3.7	0.24	0.38	0.51	0.11 U	0.45	0.12 U	0.15	0.94 U	0.16 U	1.9	1.3	2.6	0.035 U	9.7	1.3	3.4	0.49	1.4	0.46	0.49 U
11/30/10	ORIG		26	14 U	14 U	10 U	11 U	17 U	12 U	13 U	9.2 U	16 U	15 U	20 U	2.4 J	6.7 U	28	2.5 J	6.4 J	11 U	3.8 J	1.4 J	9.5 U
12/28/10	ORIG		6.5	0.36	0.15 U	0.91	0.19	0.5 J	0.12 U	0.19	0.93 U	0.16 U	1.6	1	2.7	0.034 U	22	4.2	11	1.3	4.4	1.3	0.48 U
01/26/11	ORIG		3.8	0.19	0.19 U	0.34	0.2	0.51 J	0.16 U	0.17 J	1.3	0.21 U	1.6	0.7	2.6	0.045 U	23	1.5	4.7	0.65	1.9	0.58	0.63 U
02/28/11	SPLIT		0.42 J	0.066	0.72	0.04 U	0.49	0.94 J	0.092 U	0.52	1.2	0.33	1.9 J	1 J	0.56 J	0.026 U	24 J	2.3 J	14 J	0.94 J	2.8 J	0.95 J	0.36 U
02/28/11	ORIG		2.8 J	0.19 U	0.2 U	0.4 J	0.14 U	0.4 J	0.16 U	0.17 U	1.2 U	0.22 U	1.5 J	0.69 J	2.4 J	0.046 U	8.8 J	0.98 J	2.2 J	0.36 J	1 J	0.34 J	0.64 U
03/30/11	ORIG		4.8	0.26	0.17 U	1 J	0.16	0.49	0.14 U	0.2	1.3	0.19 U	1.6	1.6 J	2.6	0.04 U	20	1.2	4	0.63	1.7	0.52 J	0.56 U
03/30/11	DUP		4.7	0.26	0.18 U	0.64 J	0.14 U	0.51	0.15 U	0.21	1.4	0.2 U	1.7	1.1 J	2.6	0.043 U	19	1.2	4	0.64	1.8	0.52 J	0.6 U
04/29/11	ORIG		5.2	0.23	0.18 U	0.74	0.17	0.48	0.15 U	0.16 U	1.1 U	0.19 UJ	2.2	1.5	3	0.041 U	11	0.48	1.5	0.19	0.46	0.14 U	0.58 U
04/29/11	DUP		5.1	0.23	0.18 U	0.67	0.15	0.47	0.15 U	0.16 U	1.2 U	0.2 UJ	2.2	1.5	3	0.043 U	12	0.48	1.5	0.19	0.43	0.14 U	0.6 U
05/31/11	ORIG		3.4	0.19 U	0.19 U	0.45	0.14 UJ	0.51 J	0.16 U	0.2	1.2 U	0.21 U	1.2	0.93	2.6	0.045 U	14	1	3.1	0.44	1.4	0.47 J	0.63 U
06/29/11	ORIG		3.6	0.17 J	0.18 U	0.38	0.13 U	0.49	0.15 U	0.16 U	1.1 U	0.2 UJ	1.2	0.77	2.3	0.042 U	20	0.51	1.8	0.37	0.96	0.4	0.59 U
07/27/11	ORIG		6.9	0.36	0.15 U	1	0.11 U	0.57	0.13 U	0.15	0.96 U	0.18 J	1.5 J	1.2	2.7	0.036 U	9.9	0.34	1	0.2	0.56	0.21	0.5 U
08/31/11	ORIG		6	0.3	0.2 U	0.84	0.15 U	0.57	0.17 U	0.18 U	1.3 U	0.22 UJ	2.1	1.2	3.1	0.047 U	14	0.56	1.6	0.27	0.81	0.31	0.66 U
Middle Office on First Floor																							
03/31/10	ORIG		490	20	0.48 U	180	0.35 U	0.55 U	0.4 U	0.76	3 U	0.53 U	29	120	2.4	0.11 U	21	0.7 U	1.5	0.38 U	0.76 U	0.38 U	1.6 U
05/27/10	SPLIT		17 J	1.3	0.11 U	7.7	0.093	0.6	0.092 U	0.12	0.55	0.34	2.1	3	2.4	0.026 U	15	0.66	3.6 J	0.54 J	1.6 J	0.66 J	0.35 U
05/27/10	ORIG		13 J	1.1	0.19 U	8.4 J	0.14 U	0.54	0.16 U	0.17 U	1.2 U	0.2 U	2.5	3.6 J	2.9	0.044 U	16 J	0.6	1.8 J	0.26 J	0.64 J	0.24 J	0.62 U
05/27/10	DUP		13	1	0.18 U	8.1 J	0.13	0.54	0.15 U	0.16 U	1.1 U	0.19 U	2.5	3.5 J	2.8	0.041 U	13 J	0.53	1.8	0.27	0.58	0.29	0.58 U
07/01/10	SPLIT		5.1 J	0.36 J	0.11 U	1.9 J	0.081 U	0.59 J	0.092 U	0.39	0.73	0.19	1.6 J	1.1 J	2.6 J	0.026 U	8.3 J	0.95 J	3.7 J	0.64 J	2.1 J	0.87 J	0.36 U
07/01/10	ORIG		3.3 J	0.29 J	0.19 U	0.96 J	0.14 U	0.31 J	0.16 U	0.17 U	1.2 U	0.21 U	1.2 J	0.62 J	1.5 J	0.045 U	16 J	0.51 J	1.6 J	0.16 J	0.37 J	0.17 J	0.63 U
07/28/10	ORIG		4.1	0.41	0.2 U	1.1	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.3	0.69	2	0.046 U	15 J	0.58	1.8 J	0.61	1.5	0.42	0.64 U
07/28/10	DUP		3.7	0.43	0.18 U	0.9	0.14 U	0.4	0.15 U	0.16 U	1.2 U	0.2 U	1.3	0.62	2	0.043 U	24 J	0.61	17 J	0.67	1.6	0.47	0.6 U
08/27/10	ORIG		4	0.21	0.21 U	0.33	0.16 U	0.37	0.18 U	0.19 U	1.4 U	0.24 U	1.7 J	0.66	2.2	0.05 U	13	0.74	2.2	0.27	0.61	0.19	0.71 U
08/27/10	DUP		3.9	0.2	0.2 U	0.3	0.15 U	0.37	0.17 U	0.18 U	1.3 U	0.22 U	1.1 J	0.61	2.2	0.048 U	15	0.74	2.2	0.28	0.66	0.21	0.67 U
10/07/10	ORIG		5.5	0.26	0.18 U	1.1	0.15	0.46	0.15 U	0.23	1.1 U	0.2 U	1.9	0.85	2.7	0.042 U	17	0.62	1.8	0.23	0.53	0.18	0.59 U
10/27/10	ORIG		2	0.18 U	0.18 U	0.12	0.13 U	0.44	0.15 U	0.16 U	1.1 U	0.2 U	1.3	0.86	2.6	0.042 U	14	0.55	1.4	0.2	0.56	0.19	0.59 U
11/30/10	ORIG		24 J	22 U	22 U	16 U	16 U	25 U	18 U	20 U	14 U	24 U	23 U	31 U	20 U	10 U	140	2.3 J	6.7 J	17 U	3.2 J	17 U	14 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
	12/28/10	ORIG	6.8	0.43	0.15 U	1	0.13	0.53 J	0.12 U	0.19	1.1	0.16	1.7	1.1	2.8	0.034 U	21	4.7	12	1.6	5.4	1.6	0.48 U
	01/26/11	ORIG	3.4	0.19	0.18 U	0.32	0.18	0.51 J	0.15 U	0.17	1.2	0.19 U	1.3	0.68	2.7	0.041 U	20	1.5	4.6	0.66	1.9	0.57	0.58 U
	02/28/11	ORIG	2.8	0.19 U	0.2 U	0.42 J	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.7	0.73	2.5	0.046 U	9.4	1	2.2	0.36	1	0.36	0.64 U
	03/30/11	ORIG	4.6	0.24	0.18 U	0.53 J	0.15	0.43	0.15 U	0.2	1.3	0.2 U	0.94	1	2.5	0.043 U	14	1.2	3.9	0.65	1.8	0.5 J	0.6 U
	04/29/11	ORIG	5.8	0.25	0.16 U	1.2	0.13	0.47	0.13 U	0.14 J	1 U	0.17 UJ	2.2	1.6	2.9	0.037 U	12	0.48	1.1	0.24	0.6	0.14	0.52 U
Second Floor Office																							
	05/27/10	ORIG	4.3	0.54	0.19 U	2.8 J	0.14 U	0.51	0.16 U	0.17 U	1.2 U	0.2 U	1.9	1.7 J	2.7	0.044 U	20	0.52	1.9	0.24	0.58	0.19	0.62 U
	07/01/10	ORIG	3.2	0.35	0.2 U	1.4	0.15 U	0.39	0.17 U	0.18	1.3 U	0.22 U	1.8	0.9	2.6	0.047 U	38	0.9	2.5	0.22	0.48	0.24	0.66 U
	07/28/10	ORIG	2.5	0.3	0.18 U	0.65	0.13 U	0.38	0.15 U	0.16 U	1.1 U	0.2 U	1.2	0.63	2	0.042 U	15	0.58	1.9	0.43	0.93	0.32	0.59 U
	08/27/10	ORIG	2.4	0.19 U	0.2 U	0.28	0.14 U	0.41	0.16 U	0.17 U	1.2 U	0.22 U	1.6	0.61	2.1	0.046 U	18	0.82	2.4	0.29	0.69	0.25	0.64 U
	10/07/10	ORIG	4	0.19	0.18 U	1.4	0.13 U	0.46	0.15 U	0.16	1.1 U	0.2 U	1.9	1.2	2.7	0.042 U	16	0.63	2.2	0.24	0.58	0.23	0.59 U
	10/27/10	ORIG	1.7	0.19 U	0.19 U	0.19	0.14 U	0.44	0.16 U	0.17 U	1.2 U	0.21 U	1.7	0.92	2.6	0.045 U	11	0.74	1.9	0.28	0.76	0.25	0.63 U
	10/27/10	DUP	1.6	0.19 U	0.19 U	0.19	0.14 U	0.38	0.16 U	0.17 U	1.2 U	0.21 U	1.6	0.9	2.6	0.045 U	9.5	0.72	2	0.27	0.76	0.25	0.63 U
	11/30/10	ORIG	9 J	0.4	0.15 U	1.7 J	0.11 U	0.31 J	0.13 U	0.14 U	0.98 U	0.17 U	1.1	0.65 J	1.6 J	0.036 U	17 J	0.99 J	2.3 J	0.37 J	1.1 J	0.36	0.51 U
	11/30/10	DUP	14 J	0.61	0.21 U	2.4 J	0.15 U	0.41 J	0.18 U	0.19 U	1.3 U	0.23 U	1.2	0.94 J	2.3 J	0.049 U	43 J	1.3 J	3 J	0.5 J	1.4 J	0.46	0.69 U
	12/28/10	ORIG	5	0.29	0.15 U	0.7	0.2	0.5 J	0.12 U	0.45	0.93 U	0.16 U	1.6	1	2.7	0.034 U	15	2.1	5.6	0.72	2	0.64 J	0.48 U
	12/28/10	DUP	4.6	0.27	0.16 U	0.65	0.14	0.48 J	0.14 U	0.4	1 U	0.18 U	1.6	0.99	2.6	0.038 U	17	2.1	5.7	0.71	2.1	0.82 J	0.54 U
	01/26/11	ORIG	3.6	0.21	0.18 U	0.3	0.23	0.5 J	0.15 U	0.33	1.3	0.2 U	1.6	0.71	2.5	0.042 U	20	1.6	5.1	0.66	1.9	0.57	0.59 U
	01/26/11	DUP	3.6	0.21	0.2 U	0.3	0.24	0.5 J	0.16 U	0.32	1.3	0.22 U	1.6	0.72	2.6	0.046 U	20	1.5	4.9	0.66	1.8	0.57	0.64 U
	02/28/11	ORIG	2.4	0.18 U	0.18 U	0.38 J	0.14	0.4	0.15 U	0.25	1.2 U	0.2 U	1.6	0.7	2.4	0.043 U	28 J	1.1	3.2 J	0.44	1.2	0.42	0.6 U
	02/28/11	DUP	2.6	0.17 U	0.17 U	0.42 J	0.13 U	0.46	0.14 U	0.25	1.1 U	0.19 U	1.7	0.73	2.4	0.04 U	10 J	1.1	2.5 J	0.39	1.2	0.41	0.57 U
	03/30/11	ORIG	5.8	0.31	0.18 U	0.78 J	0.17	0.5	0.15 U	0.42	2	0.2 U	1.7	1.2	2.6	0.043 U	19	1.2	4	0.54	1.5	0.46 J	0.6 U
	04/29/11	ORIG	5.4	0.24	0.18 U	0.81	0.13 U	0.49	0.15 U	0.31	1.1 U	0.2 UJ	2.3	1.6	3	0.042 U	12	0.46	1.2	0.16	0.37	0.14 U	0.59 U
Second Floor, Office 16																							
	05/31/11	ORIG	3.8	0.19 U	0.2 U	0.52	0.18 J	0.55 J	0.16 U	1.5 J	1.2 U	0.22 U	1.4	1	2.7	0.046 U	15 J	1 J	3.2 J	0.43 J	1.2 J	0.42 J	0.64 U
	05/31/11	DUP	4.5	0.23	0.15 U	0.58	0.16 J	0.54 J	0.13 U	0.4 J	1.1	0.17 U	1.3	1	2.6	0.036 U	19 J	1.8 J	6.5 J	0.79 J	2.6 J	0.84 J	0.5 U
	06/29/11	ORIG	3.6	0.2	0.16 U	0.42	0.14	0.52	0.14 U	0.21	1 U	0.18 UJ	1.3	0.81	2.4	0.038 U	22	0.59	2.1	0.37	1	0.36	0.53 U
	06/29/11	DUP	3.4	0.18	0.18 U	0.37	0.18	0.5	0.15 U	0.2	1.1 U	0.19 UJ	1.2	0.78	2.4	0.041 U	25	0.56	1.8	0.3	0.85	0.34	0.58 U
	07/27/11	ORIG	5.8	0.3	0.22 U	0.85	0.17 U	0.44	0.19 U	0.23	1.4 U	0.25 UJ	1.3 J	1	2.5	0.053 U	12	0.33	1	0.18	0.53	0.2	0.74 U
	07/27/11	DUP	5.9	0.3	0.2 U	0.88	0.21	0.5	0.16 U	0.23	1.2 U	0.22 UJ	1.4 J	1	2.5	0.046 U	12	0.31	1.1	0.19	0.54	0.21	0.64 U
	08/31/11	ORIG	6.2	0.31	0.21 U	0.91	0.18	0.63	0.18 U	0.28	1.3 U	0.23 UJ	2.1	1.3	3	0.049 U	17	0.5	1.5	0.21	0.55	0.2	0.69 U
	08/31/11	DUP	6.5	0.36	0.19 U	0.94	0.15	0.63	0.16 U	0.28	1.2 U	0.21 UJ	2.2	1.3	3	0.045 U	19	0.5	1.5	0.22	0.58	0.21	0.63 U
Second Floor, Office 17																							
	05/31/11	ORIG	3.8	0.19 U	0.19 U	0.53	0.14 UJ	0.46 J	0.16 U	0.28	1.2 U	0.21 U	1.3	1	2.7	0.045 U	15	1	3.2	0.42	1.2	0.43 J	0.63 U
	06/29/11	ORIG	3.6	0.19	0.18 U	0.4	0.14 U	0.54	0.15 U	0.22	1.2 U	0.2 UJ	1.3	0.83	2.4	0.043 U	19	0.54	1.7	0.29	0.87	0.32	0.6 U

Table 1
Omega Chemical Superfund Site
Volatile Organic Compounds (VOCs) Analytical Summary
Indoor Air Analytical Results

Sample Location	Sample Date	Sample Type	PCE	TCE	1,1,1-TCA	1,1-DCE	1,2-DCA	CTC	CBN	CFM	MC	1,4-DCB	Freon 11	Freon 113	Freon 12	VC	Acetone	Benzene	Toluene	Ethyl benzene	m,p-Xylenes	o-Xylene	MTBE
07/27/11	ORIG		6.8	0.36	0.16 U	1	0.12 U	0.52	0.14 U	0.26	1 U	0.18 UJ	1.4 J	1.2	2.5	0.038 U	15	0.3	1	0.18	0.52	0.18	0.54 U
08/31/11	ORIG		6.1	0.35	0.2 U	0.92	0.15 U	0.59	0.17 U	0.28	1.3 U	0.22 UJ	2.1	1.2	3	0.048 U	17	0.51	1.5	0.21	0.55	0.2	0.67 U

Notes:

Concentrations are reported in micrograms per cubic meter (ug/m³)

Concentrations for EPA samples are reported in ug/m³, which were calculated from ppb (v/v) results and then rounded to the appropriate number of significant figures.

Only compounds detected in one or more air samples more than once are shown.

VOCs analyzed by EPA Method TO-15 SIM.

U = Not detected at a concentration greater than the reporting limit shown.

J = Detected at an estimated concentration between the laboratory reporting and method detection limits, or estimated result due to field or laboratory quality control issues

E = Estimated concentration - exceeds upper calibration range of instrument.

-- = Analyte not reported.

PCE = Tetrachloroethene; TCE = Trichloroethene; TCA = Trichloroethane; DCE = Dichloroethene; CTC = Carbon tetrachloride; CBN = Chlorobenzene; CFM = Chloroform; MC = Methylene chloride; DCB = Dichlorobenzene; Freon 11 = Trichlorofluoromethane; Freon 113 = 1,1,2-Trichloro-1,2,2-trifluoroethane; Freon 12 = Dichlorodifluoromethane; VC = Vinyl chloride; MTBE = Methyl tert-butyl ether.

Sample Type:

ORIG = Original sample

DUP = Duplicate sample

SPLIT = Split sample - analyzed by different laboratory than primary sample.

EPA = Sample collected by EPA

Table 2**Indoor Air Sampling Results - August 31, 2011**

Terra Pave - 12511 E. Putnam Street

Samples TP1 through TP3 and TP3 Split (Air Technology Laboratories)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations					Health Protective Screening Criteria				
	Indoor Building (ug/m ³)		Outdoor Air ³			Long-Term Exposure ¹		Short Term Exposure ²		
	minimum	maximum ⁴	ug/m ³			ug/m ³	Key	ug/m ³	Key	
1,1,1-Trichloroethane (1,1,1-TCA)	0.18	U	0.48	U	0.21	U	22,000	nc	3,800	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.22	U	0.60	U	0.27	U	0.21	ca	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.61		0.75		0.64		130,000	nc	--	--
1,1,2-Trichloroethane	0.18	U	0.53		0.21	U	0.77	ca	--	--
1,1-Dichloroethane	0.13	U	3.5	U	0.16	U	7.7	ca	--	--
1,1-Dichloroethene (1,1-DCE)	0.077		0.089		0.087		880	nc	79	nc
1,2-Dichlorobenzene	0.19	U	2.6	U	0.23	U	880	nc	--	--
1,2-Dichloroethane	0.13	U	0.35	U	0.16	U	0.47	ca	--	--
1,4-Dichlorobenzene	0.19	UJ	0.53	UJ	0.23	UJ	1.1	ca	1,200	nc
Acetone	27		93	J	24		140,000	nc	31,000	nc
Benzene	0.85		3.3		2.4		1.6	ca	19	nc
Carbon Tetrachloride	0.55	U	0.61		0.58		2.0	ca	190	nc
Chlorobenzene	0.15	U	0.49		0.18	U	220	nc	--	--
Chloroform	0.16	U	0.16	J	0.19	U	0.53	ca	240	nc
cis-1,2-Dichloroethene	0.13	U	0.35	U	0.15	U	--	--	--	--
Dichlorodifluoromethane (Freon 12)	2.7		3.0		2.9		880	nc	--	--
Ethylbenzene	5.7		72	J	5.7		4.9	ca	3,000	nc
m,p-Xylenes	27		300		25		3,100	nc	2,600	nc
Methyl tert-butyl ether	0.58	U	1.6	U	0.70	U	47	ca	2,500	nc
Methylene Chloride	1.1	U	3.0	U	1.4	U	26	ca	1,000	nc
o-Xylene	9.6		150	J	8.2		3,100	nc	2,600	nc
Tetrachloroethene (PCE)	1.0		1.2		0.67		2.1	ca	--	--
Toluene	18		180		25		22,000	nc	--	--
trans-1,2-Dichloroethene	0.64	U	1.7	U	0.77	U	260	nc	800	nc
trans-1,3-Dichloropropene	0.15	U	0.40	U	0.18	U	3.1	ca	36	nc
Trichloroethene (TCE)	0.11		0.11		0.21	U	6.1	ca	540	nc
Trichlorofluoromethane (Freon 11)	2.0		2.1		1.6		3,100	nc	--	--
Vinyl chloride	0.041	U	0.11	U	0.050	U	2.8	ca	77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed.

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2010]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:³ Ambient Air Sample AA1⁴ Maximum detected concentration.

Table 3
Indoor Air Sampling Results - August 31, 2011

Bishop - 12519 E. Putnam Street

Samples B1 through B3 (and B1 Duplicate)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations				Health Protective Screening Criteria			
	Indoor Building (ug/m ³)		Outdoor Air ³		Long-Term Exposure ¹		Short Term Exposure ²	
	minimum	maximum ⁴	ug/m ³	ug/m ³	ug/m ³	Key	ug/m ³	Key
1,1,1-Trichloroethane (1,1,1-TCA)	0.17	U	0.18	U	0.21	U	22,000	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.21	U	0.22	U	0.27	U	0.21	ca
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.96		3.0		0.64		130,000	nc
1,1,2-Trichloroethane	0.17	U	0.18	U	0.21	U	0.77	ca
1,1-Dichloroethane	0.12	U	0.13	U	0.16	U	7.7	ca
1,1-Dichloroethene (1,1-DCE)	0.061	U	0.092		0.087		880	nc
1,2-Dichlorobenzene	0.19	U	0.19	U	0.23	U	880	nc
1,2-Dichloroethane	0.14		0.16		0.16	U	0.47	ca
1,4-Dichlorobenzene	0.19	UJ	0.19	UJ	0.23	UJ	1.1	ca
Acetone	14		27		24		140,000	nc
Benzene	0.60		0.70		2.4		1.6	ca
Carbon Tetrachloride	0.61		0.63		0.58		2.0	ca
Chlorobenzene	0.14	U	0.15	U	0.18	U	220	nc
Chloroform	0.15	U	0.17		0.19	U	0.53	ca
cis-1,2-Dichloroethene	0.12	U	0.13	U	0.15	U	--	--
Dichlorodifluoromethane (Freon 12)	2.9		3.0		2.9		880	nc
Ethylbenzene	0.30		0.68		5.7		4.9	ca
m,p-Xylenes	0.83		1.7		25		3,100	nc
Methyl tert-butyl ether	0.56	U	0.58	U	0.70	U	47	ca
Methylene Chloride	1.1	U	1.5		1.4	U	26	ca
o-Xylene	0.31		0.58		8.2		3,100	nc
Tetrachloroethene (PCE)	0.44		0.98		0.67		2.1	ca
Toluene	2.3		3.0		25		22,000	nc
trans-1,2-Dichloroethene	0.61	U	0.64	U	0.77	U	260	nc
trans-1,3-Dichloropropene	0.14	U	0.15	U	0.18	U	3.1	ca
Trichloroethene (TCE)	0.17	U	0.17	U	0.21	U	6.1	ca
Trichlorofluoromethane (Freon 11)	1.8		1.9		1.6		3,100	nc
Vinyl chloride	0.040	U	0.041	U	0.050	U	2.8	ca
							77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed.

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria :

¹ **Long-Term Exposure Criteria:** These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2010]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/> [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:

³ Ambient Air Sample AA1

⁴ Maximum detected concentration.

Table 4**Indoor Air Sampling Results - August 31, 2011**

Regional Occupational Program (ROP) - 12519 East Washington Blvd.

Samples ROP1 through ROP5 and ROP1 Split (Air Technology Laboratories)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations						Health Protective Screening Criteria			
	Indoor Building (ug/m ³)			Outdoor Air ³			Long-Term Exposure ¹		Short Term Exposure ²	
	minimum	maximum ⁴		ug/m ³		ug/m ³	Key	ug/m ³	Key	
1,1,1-Trichloroethane (1,1,1-TCA)	0.17	U	0.27	U	0.20	U	22,000	nc	3,800	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.21	U	0.34	U	0.24	U	0.21	ca	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.54		0.74		0.61		130,000	nc	--	--
1,1,2-Trichloroethane	0.17	U	0.27	U	0.20	U	0.77	ca	--	--
1,1-Dichloroethane	0.13	U	2.0	U	0.14	U	7.7	ca	--	--
1,1-Dichloroethene (1,1-DCE)	0.066		0.20		0.071	U	880	nc	79	nc
1,2-Dichlorobenzene	0.19	U	1.5	U	0.22	U	880	nc	--	--
1,2-Dichloroethane	0.13	U	0.15		0.14	U	0.47	ca	--	--
1,4-Dichlorobenzene	0.19	UJ	0.30	U	0.22	UJ	1.1	ca	1,200	nc
Acetone	13		51	J	17		140,000	nc	31,000	nc
Benzene	0.46		0.65		0.53		1.6	ca	19	nc
Carbon Tetrachloride	0.52		0.58		0.60		2.0	ca	190	nc
Chlorobenzene	0.14	U	0.23	U	0.16	U	220	nc	--	--
Chloroform	0.15	U	0.55		0.17	U	0.53	ca	240	nc
cis-1,2-Dichloroethene	0.12	U	0.20	U	0.14	U	--	--	--	--
Dichlorodifluoromethane (Freon 12)	2.7		2.9		3.1		880	nc	--	--
Ethylbenzene	0.21		0.97	J	0.22		4.9	ca	3,000	nc
m,p-Xylenes	0.56		2.2	J	0.54		3,100	nc	2,600	nc
Methyl tert-butyl ether	0.56	U	0.90	U	0.64	U	47	ca	2,500	nc
Methylene Chloride	1.1	U	5.5		1.2	U	26	ca	1,000	nc
o-Xylene	0.20		1.1	J	0.20		3,100	nc	2,600	nc
Tetrachloroethene (PCE)	0.59		1.6		0.37		2.1	ca	--	--
Toluene	1.5		11	J	1.5		22,000	nc	--	--
trans-1,2-Dichloroethene	0.62	U	0.99	U	0.71	U	260	nc	800	nc
trans-1,3-Dichloropropene	0.14	U	0.23	U	0.16	U	3.1	ca	36	nc
Trichloroethene (TCE)	0.084		0.084		0.19	U	6.1	ca	540	nc
Trichlorofluoromethane (Freon 11)	1.4	J	2.2		2.0		3,100	nc	--	--
Vinyl chloride	0.040	U	0.064	U	0.046	U	2.8	ca	77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed.

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2010]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:

³ Ambient Air Sample AA8⁴ Maximum detected concentration.

Table 5**Indoor Air Sampling Results - August 31, 2011**

Women and Children's Crisis Shelter - 12519 East Washington Blvd.

Samples WCCS2 through WCCS4; WCCS6, WCCS7 (and WCCS7 Duplicate)

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations					Health Protective Screening Criteria				
	Indoor Building (ug/m ³)		Outdoor Air ³		ug/m ³	Long-Term Exposure ¹		Short Term Exposure ²		
	minimum	maximum ⁴	ug/m ³	ug/m ³		ug/m ³	Key	ug/m ³	Key	
1,1,1-Trichloroethane (1,1,1-TCA)	0.18	U	0.21	U	0.20	U	22,000	nc	3,800	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.23	U	0.26	U	0.24	U	0.21	ca	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.2		1.3		0.61		130,000	nc	--	--
1,1,2-Trichloroethane	0.18	U	0.21	U	0.20	U	0.77	ca	--	--
1,1-Dichloroethane	0.14	U	0.15	U	0.14	U	7.7	ca	--	--
1,1-Dichloroethene (1,1-DCE)	0.84		0.94		0.071	U	880	nc	79	nc
1,2-Dichlorobenzene	0.20	U	0.23	U	0.22	U	880	nc	--	--
1,2-Dichloroethane	0.14	U	0.18		0.14	U	0.47	ca	--	--
1,4-Dichlorobenzene	0.20	UJ	0.23	UJ	0.22	UJ	1.1	ca	1,200	nc
Acetone	14		20		17		140,000	nc	31,000	nc
Benzene	0.50		0.56		0.53		1.6	ca	19	nc
Carbon Tetrachloride	0.57		0.68		0.60		2.0	ca	190	nc
Chlorobenzene	0.15	U	0.18	U	0.16	U	220	nc	--	--
Chloroform	0.17		0.28		0.17	U	0.53	ca	240	nc
cis-1,2-Dichloroethene	0.13	U	0.15	U	0.14	U	--	--	--	--
Dichlorodifluoromethane (Freon 12)	3.0		3.2		3.1		880	nc	--	--
Ethylbenzene	0.21		0.27		0.22		4.9	ca	3,000	nc
m,p-Xylenes	0.55		0.81		0.54		3,100	nc	2,600	nc
Methyl tert-butyl ether	0.60	U	0.69	U	0.64	U	47	ca	2,500	nc
Methylene Chloride	1.2	U	1.6		1.2	U	26	ca	1,000	nc
o-Xylene	0.20		0.31		0.20		3,100	nc	2,600	nc
Tetrachloroethene (PCE)	6.0		6.5		0.37		2.1	ca	--	--
Toluene	1.5		1.6		1.5		22,000	nc	--	--
trans-1,2-Dichloroethene	0.67	U	0.76	U	0.71	U	260	nc	800	nc
trans-1,3-Dichloropropene	0.15	U	0.17	U	0.16	U	3.1	ca	36	nc
Trichloroethene (TCE)	0.30		0.36		0.19	U	6.1	ca	540	nc
Trichlorofluoromethane (Freon 11)	2.1		2.2		2.0		3,100	nc	--	--
Vinyl chloride	0.043	U	0.049	U	0.046	U	2.8	ca	77	nc

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:¹ Long-Term Exposure Criteria: These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens).For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2010]). Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.² Short Term Exposure Criteria: These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substances and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days.(<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value is multiplied by 1e-6

Sources:³ Ambient Air Sample AA8⁴ Maximum detected concentration.

Table 6**Indoor Air Sampling Results - August 31, 2011**

Fred R. Rippy - 12471 E. Washington Blvd.

FRR1 through FRR3

Omega Chemical Corporation Superfund Site, Whittier California

Chemical Name	Air Concentrations				Health Protective Screening Criteria			
	Indoor Building (ug/m ³)		Outdoor Air ³		Long-Term Exposure ¹		Short Term Exposure ²	
	minimum	maximum ⁴	ug/m ³		ug/m ³	Key	ug/m ³	Key
1,1,1-Trichloroethane (1,1,1-TCA)	0.16	U	0.18	U	0.20	U	22,000	nc
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	0.20	U	0.22	U	0.24	U	0.21	ca
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.8		4.5		0.61		130,000	nc
1,1,2-Trichloroethane	0.16	U	0.18	U	0.20	U	0.77	ca
1,1-Dichloroethane	0.12	U	0.13	U	0.14	U	7.7	ca
1,1-Dichloroethene (1,1-DCE)	2.7		11		0.071	U	880	nc
1,2-Dichlorobenzene	0.18	U	0.19	U	0.22	U	880	nc
1,2-Dichloroethane	0.13	U	0.45		0.14	U	0.47	ca
1,4-Dichlorobenzene	3.5	J	15	J	0.22	UJ	1.1	ca
Acetone	14		32		17		140,000	nc
Benzene	0.61		0.72		0.53		1.6	ca
Carbon Tetrachloride	0.55		0.63		0.60		2.0	ca
Chlorobenzene	0.14	U	0.15	U	0.16	U	220	nc
Chloroform	0.21		0.33		0.17	U	0.53	ca
cis-1,2-Dichloroethene	0.12	U	0.13	U	0.14	U	--	--
Dichlorodifluoromethane (Freon 12)	2.8		3.0		3.1		880	nc
Ethylbenzene	0.38		0.51		0.22		4.9	ca
m,p-Xylenes	1.1		1.5		0.54		3,100	nc
Methyl tert-butyl ether	0.54	U	0.58	U	0.64	U	47	ca
Methylene Chloride	1.1	U	4.2		1.2	U	26	ca
o-Xylene	0.40		0.64		0.20		3,100	nc
Tetrachloroethene (PCE)	11		24		0.37		2.1	ca
Toluene	2.1		4.1		1.5		22,000	nc
trans-1,2-Dichloroethene	0.63	U	1.1		0.71	U	260	nc
trans-1,3-Dichloropropene	0.14	U	0.15	U	0.16	U	3.1	ca
Trichloroethene (TCE)	0.86		1.8		0.19	U	6.1	ca
Trichlorofluoromethane (Freon 11)	6.7		11		2.0		3,100	nc
Vinyl chloride	0.038	U	0.041	U	0.046	U	2.8	ca

ug/m³ = micrograms per cubic meter of air

-- = value not available

U = Chemical not detected. Lab detection limit for chemical is listed

J = Quantitatively estimated

Bold value = measured value exceeds 3 times the outdoor air conc and either the Long-Term or Short-Term Protective Screening criteria.

nc = noncancer

ca = cancer

Notes on Health Protective Screening Criteria:

¹ **Long-Term Exposure Criteria:** These air concentration values correspond to a 1 in one-million lifetime cancer risk (indicated by "ca") for suspected cancer-causing substances (i.e., carcinogens). For chemicals that are not carcinogens, the air concentration values are protective of noncancer effects, (indicated by "nc") using standard U.S. Environmental Protection Agency (EPA) exposure assumptions for commercial use. (<http://www.epa.gov/region09/superfund/prg/index.html> [May 2010]. Exceeding these EPA Industrial Air Regional Screening Levels (RSL) suggests that further evaluation is necessary but does not necessarily mean that a problem exists.

² **Short Term Exposure Criteria:** These values represent health protective air exposure concentrations for short-term exposures, developed by the Agency for Toxic Substance and Disease Registry (ATSDR) as Intermediate Minimal Risk Levels (MRLs) using residential exposure assumptions for periods of more than 14 but less than 365 days. (<http://www.atsdr.cdc.gov/mrls/>) [December 2009]. Exceeding these ATSDR MRLs suggests that further evaluation is necessary but does not necessarily mean that a problem exists. Further note that the MRL values assume continuous (24 hours per day, 7 days per week) exposure and have not been adjusted for occupational exposures (8 hours per day, 5 days per week).

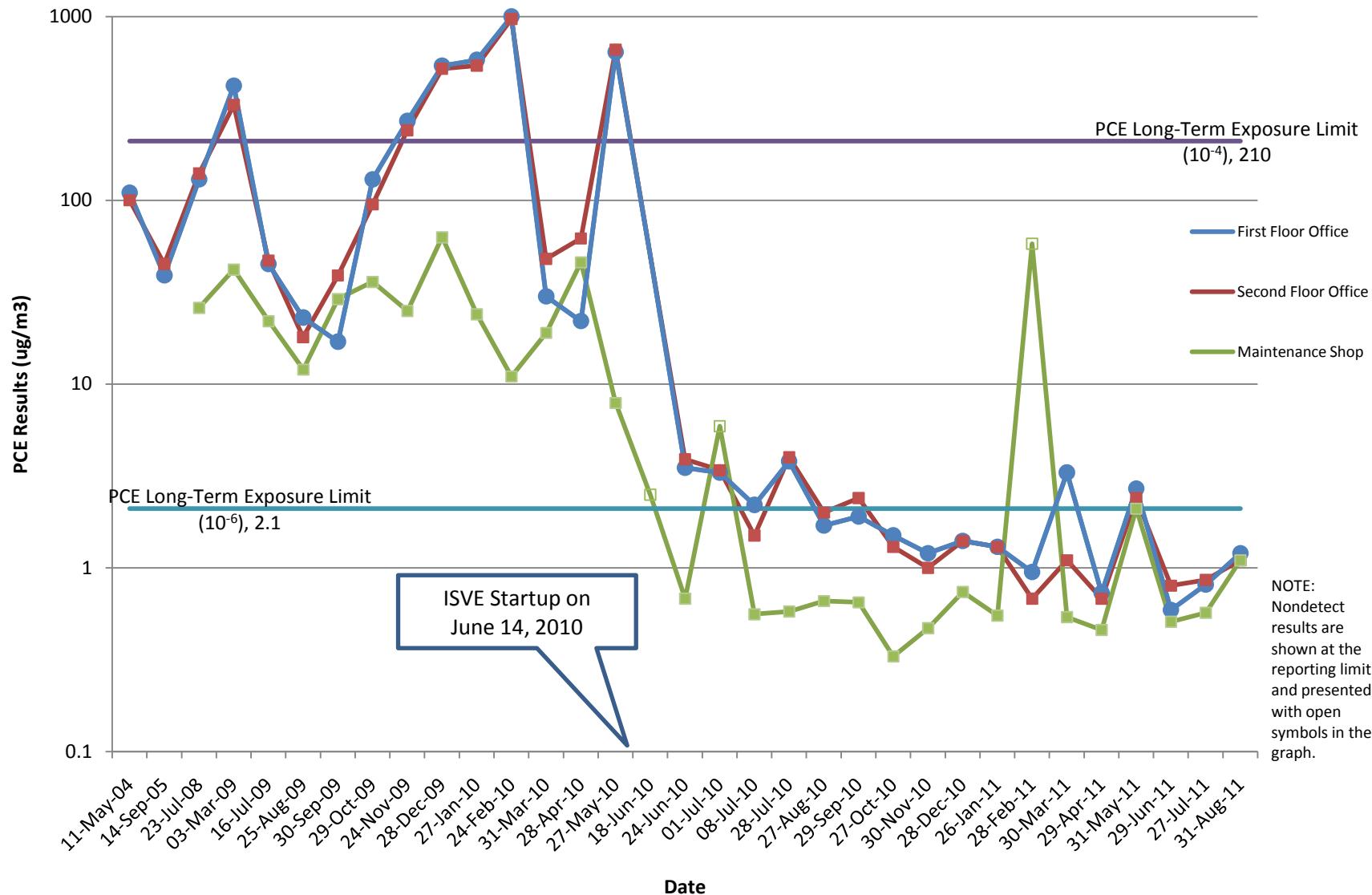
- Risk Value calculated by dividing measured indoor air concentrations by long-term health protective screening criteria. If chemical is designated as cancer (ca), risk value multiplied by 1e-6

Sources:³ Ambient Air Sample AA8⁴ Maximum detected concentration.

Attachment C: Graphs of TCE and PCE Concentrations

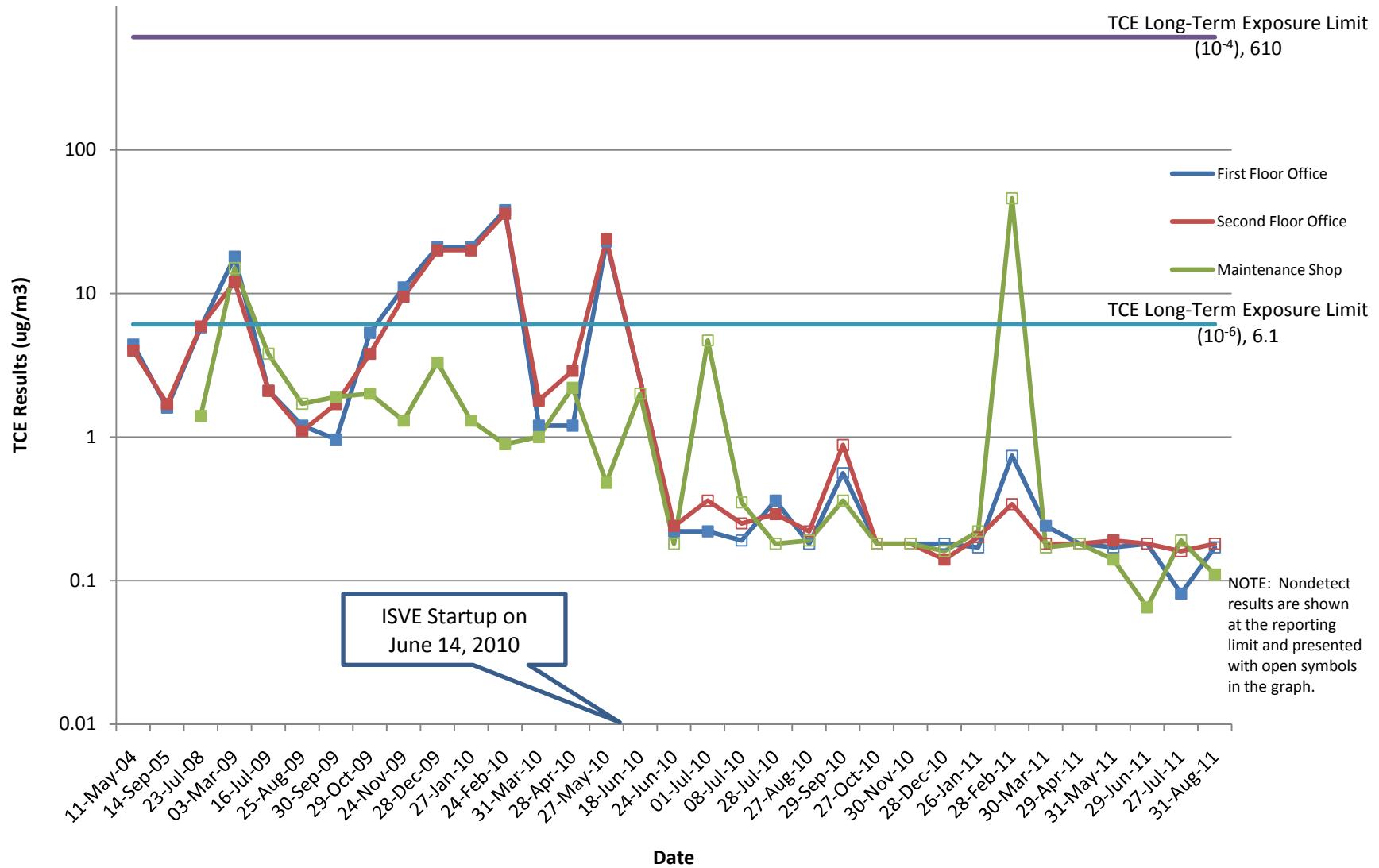
Tetrachloroethene (PCE) Results

Terra Pave Building

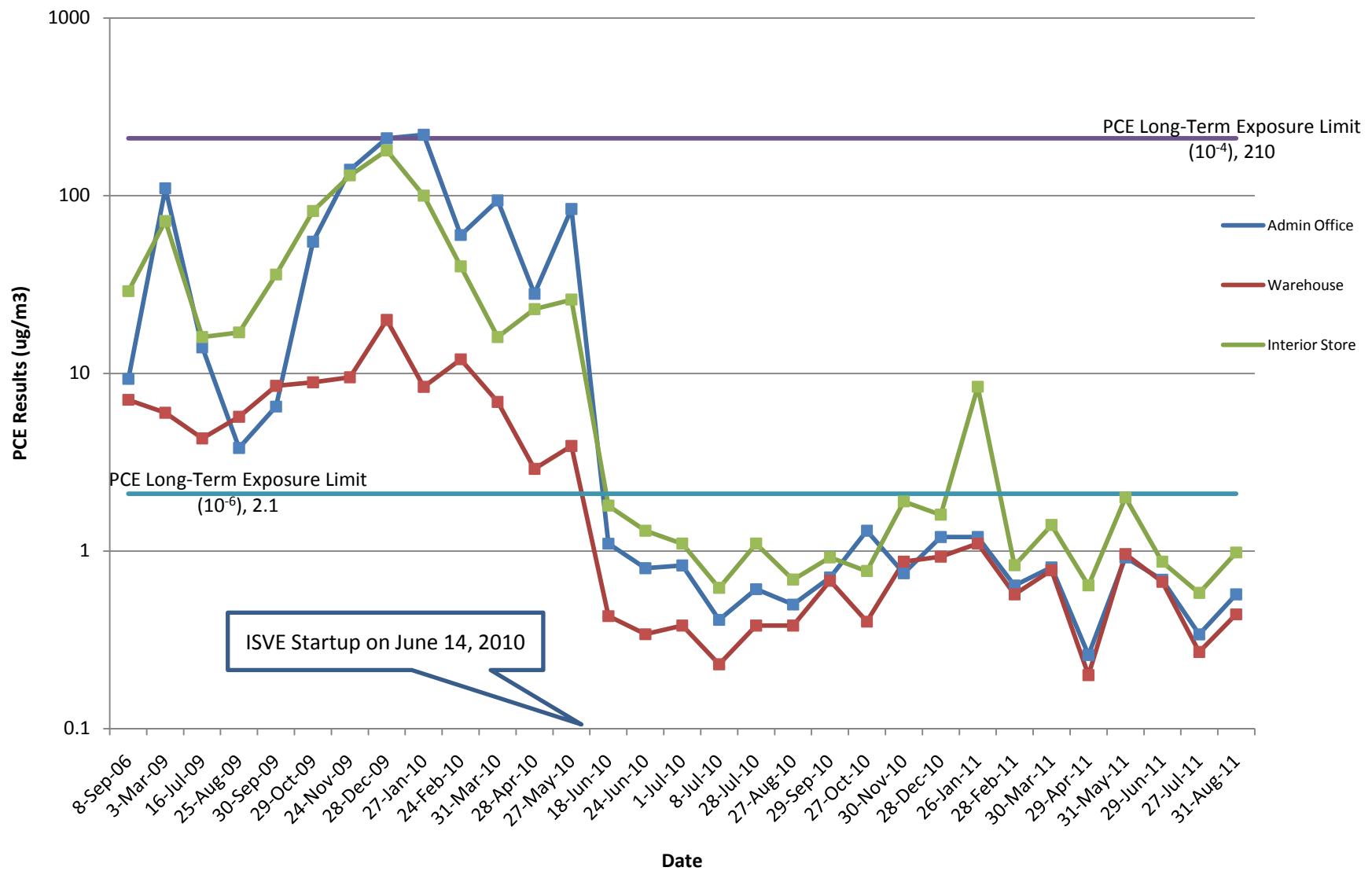


Trichloroethene (TCE) Results

Terra Pave Building

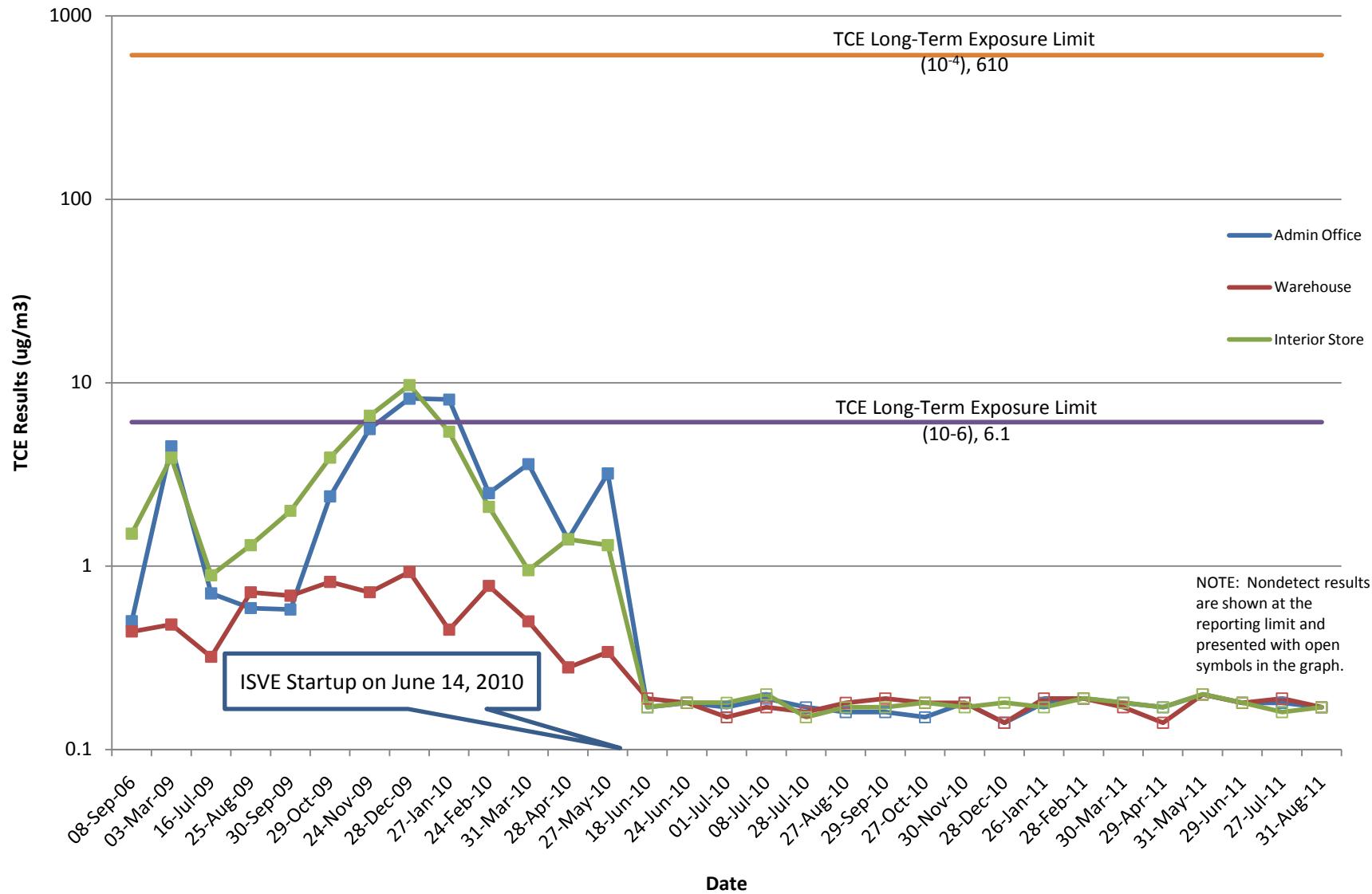


Tetrachloroethene (PCE) Results Bishop Building



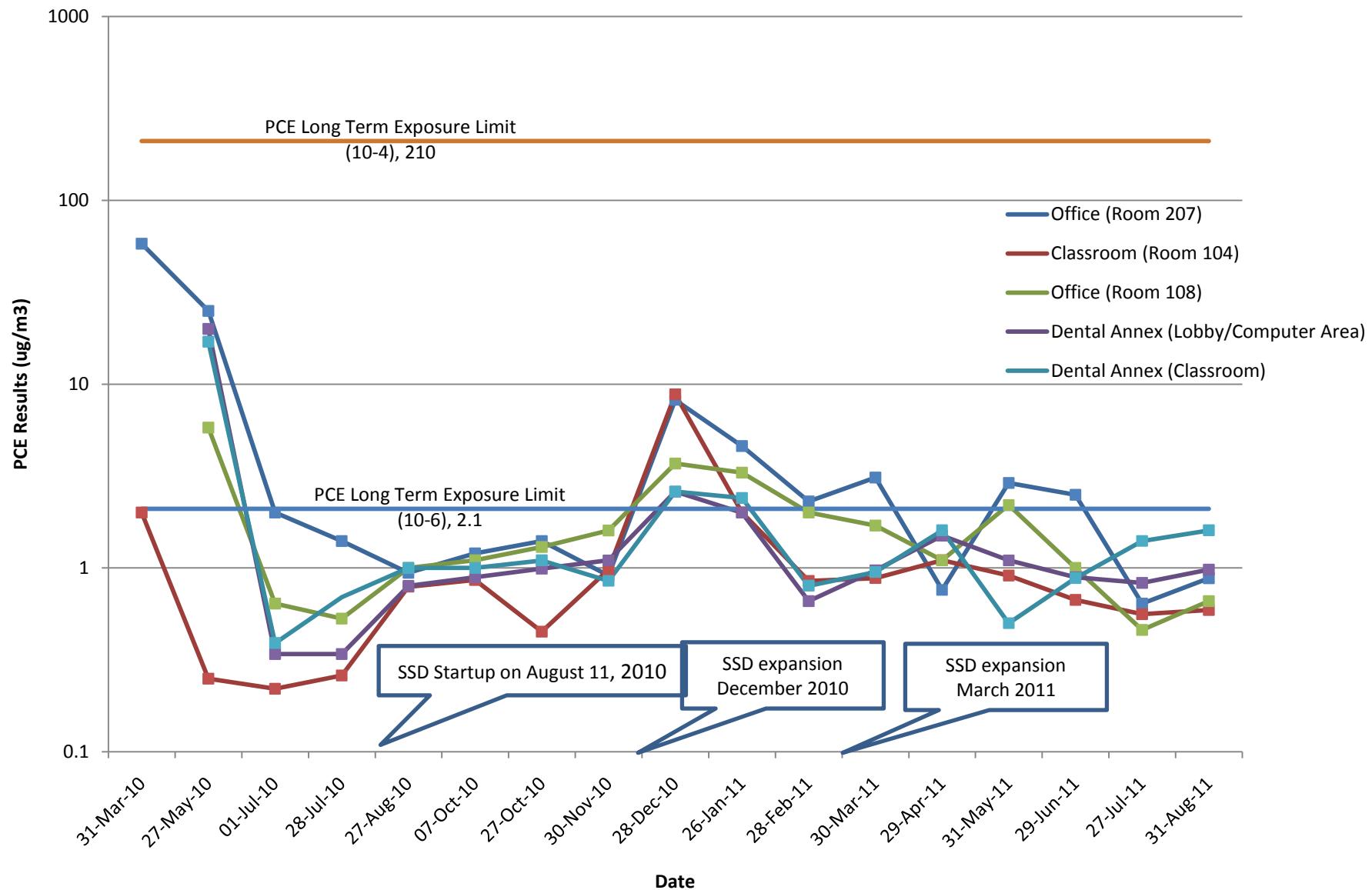
Trichloroethene (TCE) Results

Bishop Building



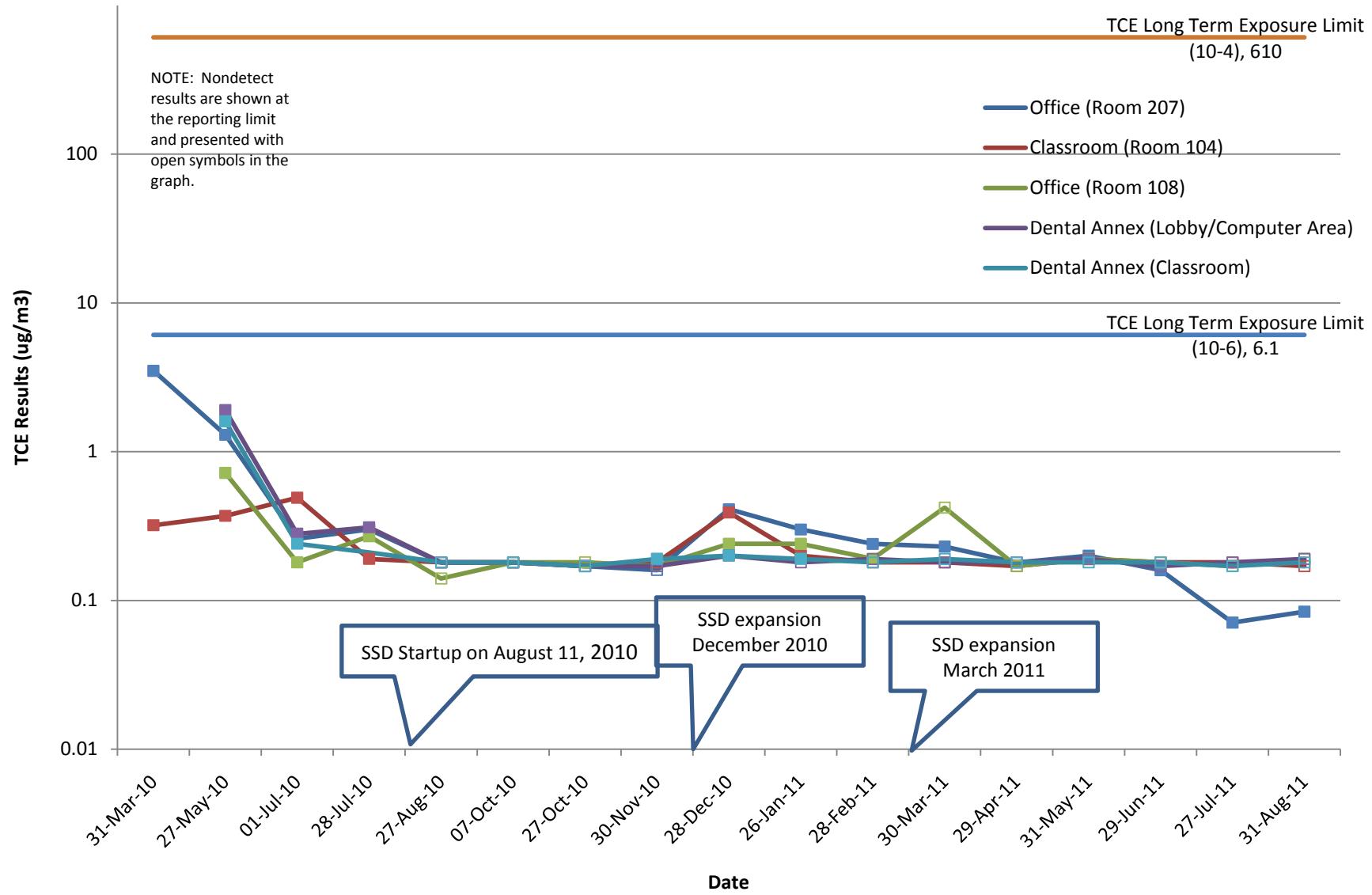
Tetrachloroethene (PCE) Results

Regional Occupational Program Building



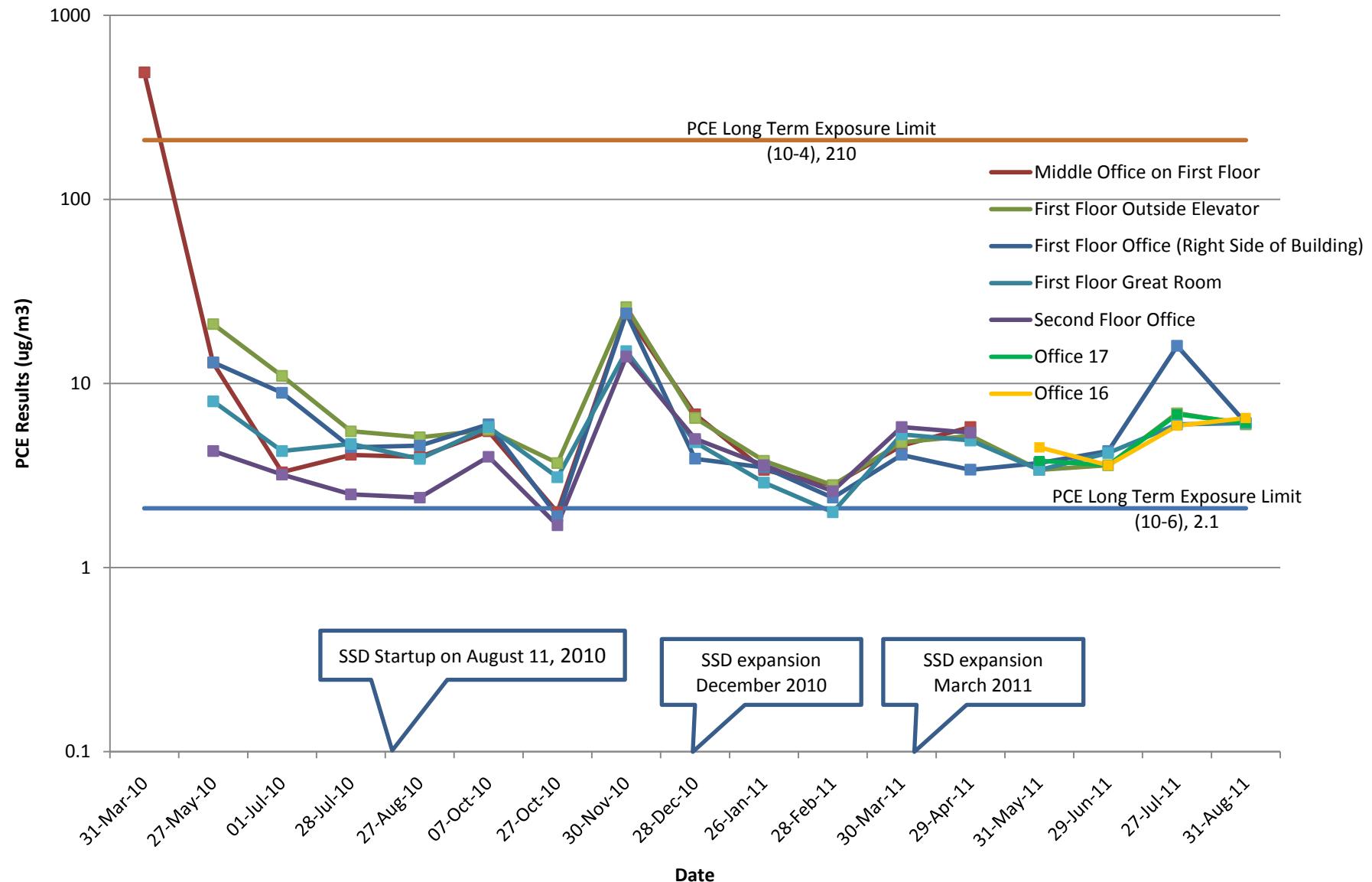
Trichloroethene (TCE) Results

Regional Occupational Program Building



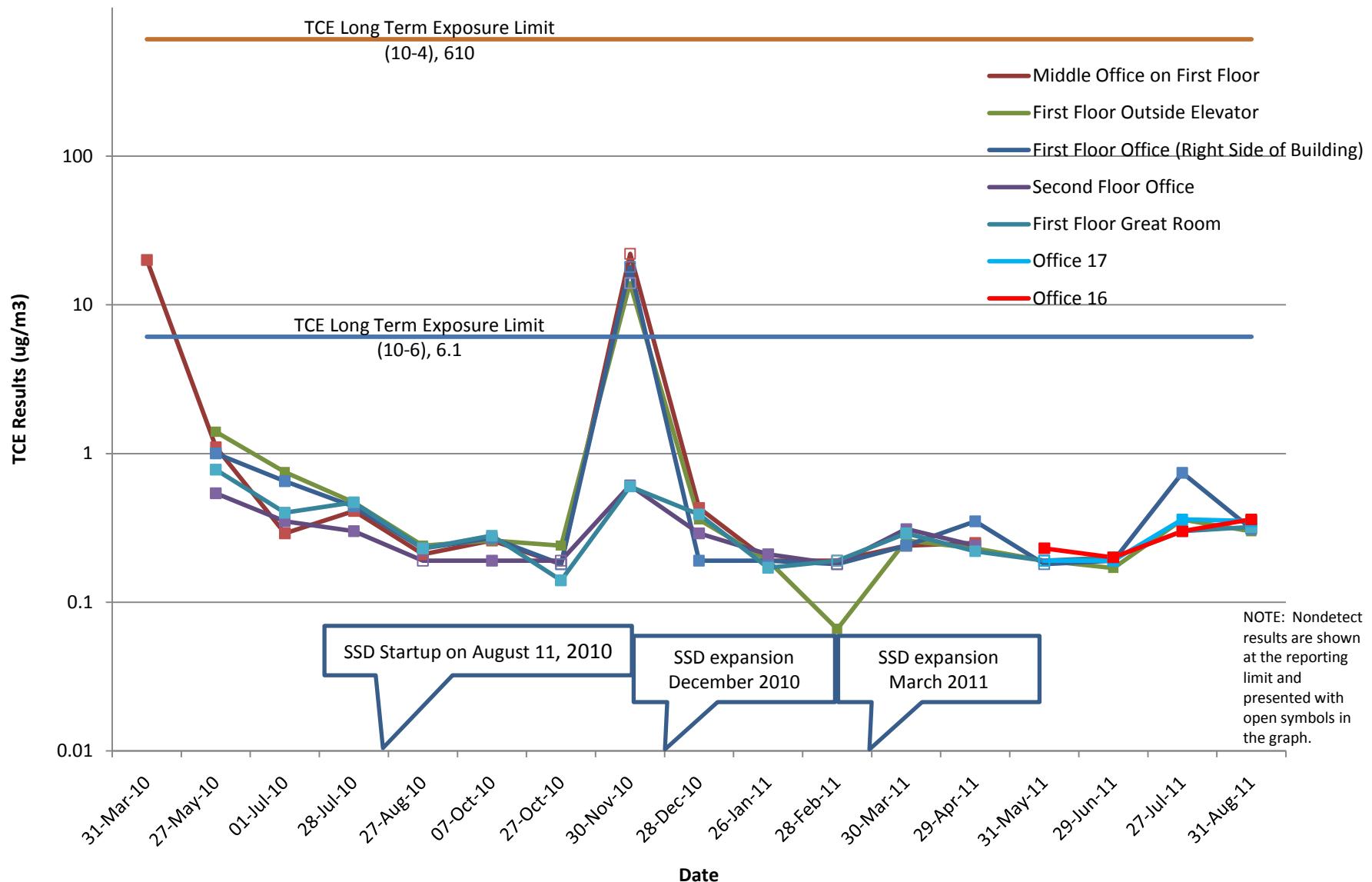
Tetrachloroethene (PCE) Results

Women's and Children's Crisis Shelter Building



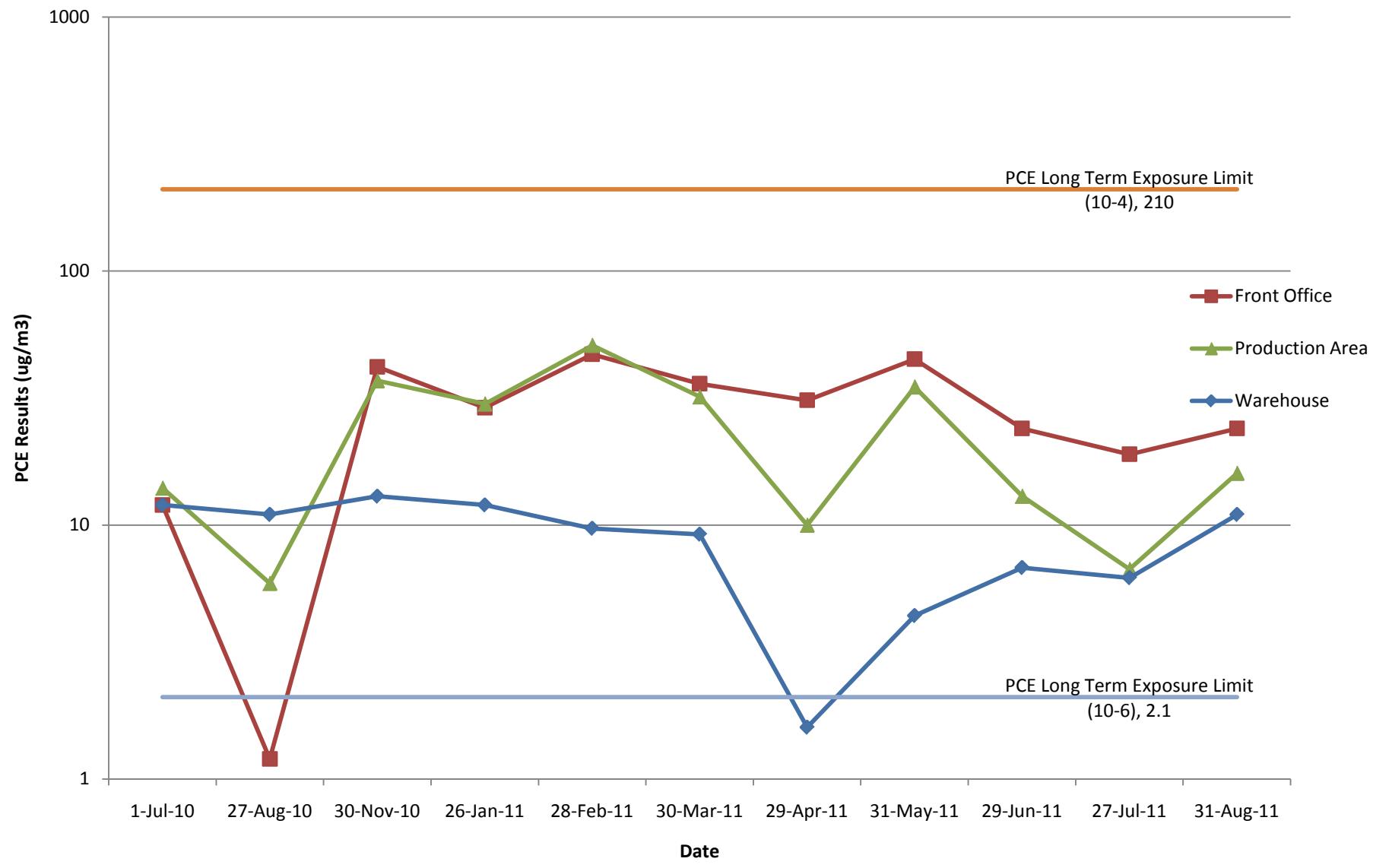
Trichloroethene (TCE) Results

Women's and Children's Crisis Shelter Building



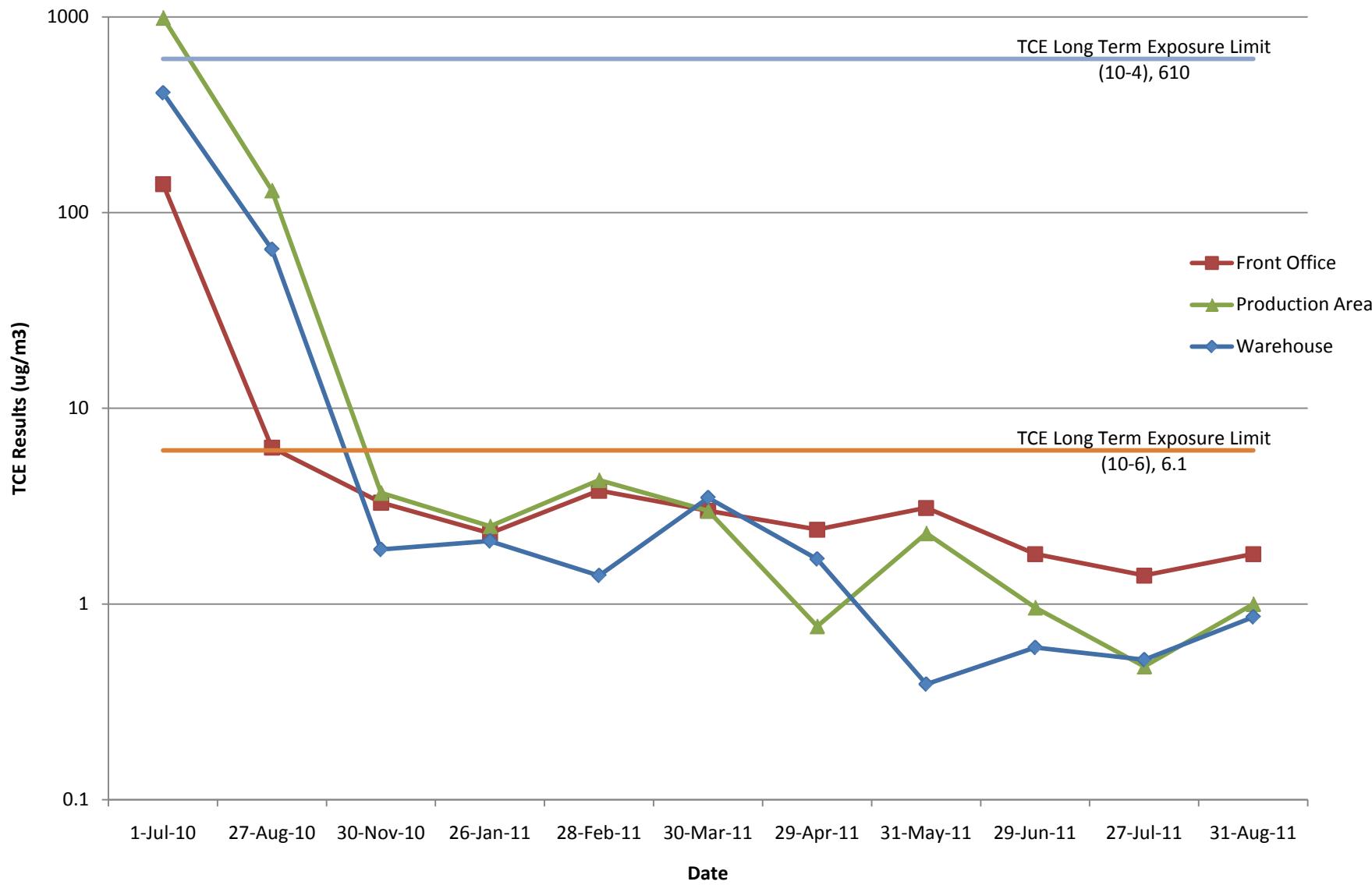
Tetrachloroethene (PCE) Results

Fred R. Rippy Building



Trichloroethene (TCE) Results

Fred R. Rippy Building



Attachment D: Laboratory Reports and Data Validation Memo

DATA VALIDATION REPORT

Project: Omega Chemical Superfund Site
Air Monitoring -August 2011

References: USEPA CLP National Functional Guidelines for Superfund
Organic Data Review June 2008 (EPA540/R-08/01)

Compendium Method TO-15
Determination of Volatile Organic Compounds (VOCs) in Air
Collected in Specially-Prepared Canisters and Analyzed by Gas
Chromatography/Mass Spectrometry (GC/MS)
January 1999

Air Toxics Limited Methods Manual, Method TO-14A/TO-15

Omega Chemical Superfund Site
Removal Action Work Plan, Appendix B (QAPP)
August 19, 2010

Reviewer: Elizabeth DeCola
CDM - Irvine, California

Date: September 23, 2011

Analytical Laboratory: Air Toxics Ltd. (Air Toxics)
Folsom, California

Laboratory Report Number: 1109048

DATA REVIEW

A total of twenty-three (23) air samples (including two field duplicates) were collected on August 31, 2011 (listed in the following table), and shipped via overnight delivery service to Air Toxics. Additionally, two samples were sent to a second laboratory (AirTechnology) as split samples. The samples were analyzed for volatile organic compounds (VOCs) by Method TO-15 with Selective Ion Monitoring (SIM) Method. EPA's Functional Guidelines were used to assist in the process of the technical review of the data; however, QC criteria specified in the analytical method, Air Toxics' Methods Manual, and the Omega Removal Action Work Plan, Appendix B (QAPP) were used as the basis for acceptance or data qualification. Sample identification and collection dates are summarized in the following table.

Table 1- Summary of Analysis

<i>Sample ID</i>	<i>Lab Sample ID</i>	<i>Sample Type</i>	<i>Date Collected</i>
IAQ-FRR1-083111	1109048A-01A	Air	8/31/11
IAQ-FRR2-083111	1109048A-02A	Air	8/31/11
IAQ-FRR3-083111	1109048A-03A	Air	8/31/11
IAQ-ROP1-083111	1109048A-04A	Air	8/31/11
IAQ-ROP2-083111	1109048A-05A	Air	8/31/11
IAQ-ROP3-0083111	1109048A-06A	Air	8/31/11
IAQ-ROP4-083111	1109048A-07A	Air	8/31/11
IAQ-ROP5-083111	1109048A-08A	Air	8/31/11
IAQ-B1-083111-K	1109048A-09A	DUP	8/31/11
IAQ-B1-083111	1109048A-10A	Air	8/31/11
IAQ-B2-083111	1109048A-11A	Air	8/31/11
IAQ-B3-083111	1109048A-12A	Air	8/31/11
IAQ-TP1-083111	1109048A-13A	Air	8/31/11
IAQ-TP2-083111	1109048A-14A	Air	8/31/11
IAQ-TP3-083111	1109048A-15A	Air	8/31/11
IAQ-WCCS2-083111	1109048A-16A	Air	8/31/11
IAQ-WCCS3-083111	1109048A-17A	Air	8/31/11
IAQ-WCCS4-083111	1109048A-18A	Air	8/31/11
IAQ-WCCS6-083111	1109048A-19A	Air	8/31/11
IAQ-WCCS7-083111	1109048A-20A	Air	8/31/11
IAQ-WCCS7-083111-K	1109048A-21A	DUP	8/31/11
IAQ-AA8-083111	1109048A-22A	AA	8/31/11
IAQ-AA1-083111	1109048A-23A	AA	8/31/11

Notes:

AA = Ambient air sample
DUP = Field duplicate air sample

VOLATILE ORGANIC COMPOUNDS ASSESSMENT – METHOD TO-15 SIM

Twenty-three (23) samples were analyzed for VOCs using TO-15 SIM.

Sample IAQ-TP3-083111 was analyzed at a dilution due to the presence of high levels of target compounds.

I. TECHNICAL HOLDING TIMES

All technical holding times requirements were met. The air samples were collected on August 27, 2011 and analyzed within 8 days of sample collection. Some guidance suggests that samples for Method TO-15 should be analyzed within 14 days of sampling; however, Method TO-15 indicates that canisters can be stored for up to 30 days for many VOCs.

II. INITIAL CALIBRATION

Prior to the analysis of any samples or standards, an instrument performance check must be performed using 50 ng of 4-bromofluorobenzene (BFB). All ion abundances must meet the criteria listed in Table 3 of Method TO-15. Initial calibration of the instrument must be performed using a minimum of five standard concentrations that span the monitoring range of interest. One calibration point must be at the same concentration as the daily calibration standard and one point should be near the detection limit for the compound of interest. For initial calibration to be accepted, the calculated percent relative standard deviation (%RSD) for the relative response factor (RRF) for each compound in the calibration table must be less than 30 percent with at most two exceptions up to a limit of 40 percent.

Initial calibration was performed on July 14, 2011 for SIM analysis, using a minimum of five concentrations ranging from 0.003 to 20 parts per billion by volume (ppbv), which meets the method requirement. The %RSD for the mean RRF for all target compounds was less than 30 percent, except for 1,4-dichlorobenzene, which had a %RSD of 30.501%. Therefore, the 1,4-dichlorobenzene results in all samples are qualified as estimated (J-flagged) based on calibration nonconformances.

III. CONTINUING CALIBRATION

Prior to the analysis of samples and blanks but after tuning criteria (4-BFB), the initial calibration of the GC/MS must be verified (once every 12 to 24 hours) by analyzing a daily calibration verification standard (a midpoint check standard at 10 ppbv). The calibration verification standard must contain all target analytes. The percent difference (%D) between the continuing calibration RRF and the initial RRF must be within 30 percent in order to proceed with blanks and samples.

Samples were analyzed on September 6, 7 and 8, 2011. Prior to sample analysis, a 50 ng BFB tuning standard was analyzed. Mass ion abundance criteria were met for the system. The percent difference was below 30 percent for all target analytes and the initial calibration was validated and continuing calibration criteria were met for the project requirements.

IV. METHOD BLANKS

A method blank must be analyzed with each batch of samples immediately after initial calibration is verified and before sample analysis. 1,2-Dichlorobenzene was detected in the method blank analyzed on September 6, 2011. However, 1,2-dichlorobenzene was not detected in any samples, and therefore no action is required. No other target analytes were detected at concentrations above their respective reporting limits in the method blanks for the SIM analysis.

V. SURROGATES

Three surrogate spikes (1,2-dichloroethane-d4, toluene-d8 and 4-bromofluorobenzene) were added to each environmental sample, QC sample, and method blank. Surrogate spike control limits were established by the laboratory at 70 to 130 percent for all three surrogates.

All surrogate recoveries were within the acceptable method control limits.

VII. LABORATORY CONTROL SAMPLES (LCS)

Although not required by the method, LCS samples were analyzed with these samples. Additionally, LCS duplicate (LCSD) samples were analyzed with these samples, as no laboratory duplicate was analyzed with the samples. Results from the LCS and LCSD samples were included in the analytical report. Acceptance limits, established by the laboratory, are 70 to 130 percent. All LCS and LCSD analyte recoveries were within the acceptable limits. The relative percent differences (RPDs) between detected analyte concentrations in the duplicate pairs were all less than 25 percent.

VIII. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Two field duplicates were collected during this sampling event. Sample IAQ-B1-083111-K is a duplicate of IAQ-B1-083111 and sample IAQ-WCCS7-083111-K is a duplicate sample of IAQ-WCCS7-083111. Additionally, split samples were collected with samples IAQ-ROP1-083111, and IAQ-TP3-083111 and sent to a different laboratory (AirTech) and are discussed below.

The Omega RI/FS specified a duplicate collection frequency of 10 percent. Although not specified, a duplicate precision criterion of 20 percent was used for duplicate air samples (which is equal to the precision criteria for groundwater samples). If the results were detected at concentrations less than 5x the reporting limit, then the difference between the two results was evaluated against the criteria of \pm the reporting limit. Results were deemed within criteria if the difference was less than the reporting limit. Bolded results in the tables below indicate results that exceed criteria. As shown on the following tables, the RPDs between the primary and duplicate samples for field duplicates (submitted to AirToxics) were within 20 percent for all analytes.

Compound	IAQ-B1-083111 (ug/m ³)	IAQ-B1-083111-K (ug/m ³)	RPD
Freon 12	3.0	2.9	3.39
Freon 11	1.9	1.9	0.00
Freon 113	1.4	1.4	0.00
Carbon Tetrachloride	0.63	0.63	0.00
Benzene	0.60	0.61	1.65
1,2-Dichloroethane	0.16	0.14	13.33
Toluene	2.5	2.5	0.00
Tetrachloroethene	0.57	0.56	1.77
Ethyl Benzene	0.30	0.30	0.00
m,p-Xylene	0.83	0.84	1.20
o-Xylene	0.31	0.33	6.25
Acetone	19	20	5.13
Methylene Chloride	1.1 U	1.5	NC

NC = Not Calculated

U = Not detected above reporting limit

Compound	IAQ-WCCS7-083111 (ug/m3)	IAQ-WCCS7-083111-K (ug/m3)	RPD
Freon 12	3.0	3.0	0.00
Freon 11	2.1	2.2	4.65
1,1-Dichloroethene	0.91	0.94	3.24
Freon 113	1.3	1.3	0.00
Chloroform	0.28	0.28	0.00
Carbon Tetrachloride	0.63	0.63	0.00
Benzene	0.50	0.50	0.00
1,2-Dichloroethane	0.18	0.15	18.18
Trichloroethene	0.31	0.36	14.93
Toluene	1.5	1.5	0.00
Tetrachloroethene	6.2	6.5	4.72
Ethyl Benzene	0.21	0.22	4.65
m,p-Xylene	0.55	0.58	5.31
o-Xylene	0.20	0.21	4.88
Acetone	17	19	11.11

NC = Not Calculated

U = Not detected above reporting limit

Split samples for samples IAQ-TP3-083111 and IAQ-ROP1-083111 were submitted to an independent laboratory (AirTech) to check precision between laboratories. As shown on the following tables, the precision exceeded the RPD of 20 percent for Freon 11, toluene, ethylbenzene, m,p-xylenes, o-xylene, and acetone in the IAQ-ROP1-083111 split sample pair. The precision exceeded the RPD of 20 percent for ethylbenzene, o-xylene and acetone results for the IAQ-TP3 -083011 split sample pair. Therefore, these results are estimated (flagged with a "J") due to field duplicate imprecision.

Compound	IAQ-ROP1-083111 (ug/m3)	IAQ-ROP1-083111-K2 (ug/m3)	RPD	Less than 5X RL	Difference of two results	Criteria using +RL
Freon 12	2.8	2.7	3.64			
Freon 11	1.9	1.4	30.30	N		
1,1-Dochloroethene	0.11	0.11	0.00			
Freon 113	0.64	0.74	14.49			
Carbon Tetrachloride	0.55	0.52	5.61			
Benzene	0.48	0.65	30.09	Y	0.17	0.27/0.40
1,2-Dichloroethane	0.15	0.20 U	NC			
Trichloroethene	0.18 U	0.084	NC			
Toluene	3.4	11.0	105.56	N		
Tetrachloroethene	0.80	0.88	9.52			
Ethyl Benzene	0.46	0.97	71.33	Y	0.51	0.15/0.22
m,p-Xylene	1.3	2.2	51.43	Y	0.90	0.30/0.65
o-Xylene	0.48	1.1	78.48	Y	0.62	0.15/0.65

Compound	IAQ-ROP1-083111 (ug/m³)	IAQ-ROP1-083111-K2 (ug/m³)	RPD	Less than 5X RL	Difference of two results	Criteria using ±RL
Acetone	51	36	34.48	N		
Methylene Chloride	5.5	4.6	17.82			

NC = Not Calculated

U = Not detected above reporting limit

Compound	IAQ-TP3-083111 (ug/m³)	IAQ-TP3-083111-K2 (ug/m³)	RPD	Less than 5X RL	Difference of two results	Criteria using ±RL
Freon 12	3.0	2.7	10.53			
Freon 11	2.0	2.1	4.88			
Freon 113	0.67	0.75	11.27			
Chlorobenzene	0.40 U	0.49	NC			
Carbon Tetrachloride	0.58	0.55 U	NC			
Benzene	3.0	3.3	9.52			
Trichloroethene	0.47 U	0.11	NC			
Toluene	160	180	11.76			
1,1,2-Trichloroethane	0.53	0.48 U	NC			
Tetrachloroethene	1.0	1.1	9.52			
Ethyl Benzene	54	72	28.57	N		
m,p-Xylene	250	300	18.18			
o-Xylene	98	150	41.94	N		
Acetone	93	68	31.06	N		

NC = Not Calculated

U = Not detected above reporting limit

In addition, the laboratory summary QC data for the split samples, including laboratory blanks, LCS, and LCS duplicate data were reviewed; however calibration and raw data were not provided for these samples. Benzene and 1,1,1-trichloroethane were detected in the method blank but at concentrations below the reporting limits. Based on the limited data review, no qualification was needed.

IX. INTERNAL STANDARDS

Internal standard (IS) area counts and retention times for samples were within validation criteria. IS area counts for all samples analyzed were within \pm 40 percent of the CCV's IS area; and IS retention times were within 0.33 minutes from the retention time of the associated daily standard, which meet criteria specified in Method TO-15.

X. TARGET COMPOUND IDENTIFICATION

All positive compound identifications were confirmed through the mass spectra library.

XI. COMPOUND QUANTITATION

Several positive results were recalculated to ensure that compound quantitation was accurate. No errors were encountered. Compound quantitation was based on the initial calibration average RF.

XII. SYSTEM PERFORMANCE

The system performance was acceptable.

XIII. ION ABUNDANCE CRITERIA

The mass calibration and tune files were reviewed to confirm that the ion abundance criteria met TO-15 criteria (Table 3). All ion abundance criteria were met.

XIV. OVERALL ASSESSMENT OF VOC DATA

All QC criteria evaluated during data validation of the VOC analyses were within acceptable limits, except for several analytes that were qualified based on lab calibration nonconformances or field duplicate imprecision, which are discussed below.

In summary, the 1,4-dichlorobenzene results in all samples are qualified as estimated (J-flagged) based on calibration nonconformances.

The ethylbenzene, o-xylene and acetone results in the IAQ-TP3-083111 split sample pair were qualified as estimated (flagged with a "J") due to split sample imprecision. The Freon 11, toluene, ethylbenzene, m,p-xylenes, o-xylene and acetone results for the IAQ-ROP1 -083111 split sample pair were estimated (flagged with a "J") due to split sample imprecision.

9/15/2011

Ms. Sharon Wallin

CDM

111 Academy Street

Suite 150

Irvine CA 92617

Project Name: Omega IAQ

Project #: 10500

Workorder #: 1109048

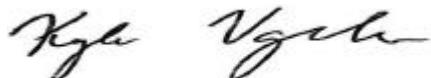
Dear Ms. Sharon Wallin

The following report includes the data for the above referenced project for sample(s) received on 9/2/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

Project Manager

WORK ORDER #: 1109048

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	
FAX:	949-725-3790	PROJECT #	10500 Omega IAQ
DATE RECEIVED:	09/02/2011	CONTACT:	Kyle Vagadori
DATE COMPLETED:	09/15/2011		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IAQ-FRR1-083111	Modified TO-15 SIM	4.6 "Hg	5 psi
02A	IAQ-FRR2-083111	Modified TO-15 SIM	3.2 "Hg	5 psi
03A	IAQ-FRR3-083111	Modified TO-15 SIM	5.0 "Hg	5 psi
04A	IAQ-ROP1-083111	Modified TO-15 SIM	6.4 "Hg	5 psi
05A	IAQ-ROP2-083111	Modified TO-15 SIM	4.2 "Hg	5 psi
06A	IAQ-ROP3-083111	Modified TO-15 SIM	7.0 "Hg	5 psi
07A	IAQ-ROP4-083111	Modified TO-15 SIM	7.0 "Hg	5 psi
08A	IAQ-ROP5-083111	Modified TO-15 SIM	5.8 "Hg	5 psi
09A	IAQ-B1-083111-K	Modified TO-15 SIM	4.0 "Hg	5 psi
10A	IAQ-B1-083111	Modified TO-15 SIM	5.0 "Hg	5 psi
11A	IAQ-B2-083111	Modified TO-15 SIM	4.0 "Hg	5 psi
12A	IAQ-B3-083111	Modified TO-15 SIM	5.0 "Hg	5 psi
13A	IAQ-TP1-083111	Modified TO-15 SIM	5.2 "Hg	5 psi
14A	IAQ-TP2-083111	Modified TO-15 SIM	5.4 "Hg	5 psi
15A	IAQ-TP3-083111	Modified TO-15 SIM	7.0 "Hg	5 psi
16A	IAQ-WCCS2-083111	Modified TO-15 SIM	8.2 "Hg	5 psi
17A	IAQ-WCCS3-083111	Modified TO-15 SIM	6.2 "Hg	5 psi

Continued on next page

WORK ORDER #: 1109048

Work Order Summary

CLIENT:	Ms. Sharon Wallin CDM 111 Academy Street Suite 150 Irvine, CA 92617	BILL TO:	Mr. Tom Dorsey Omega Chemical Site Environmental Remediation Trust 450 Montbrook Lane Knoxville, TN 37919-2705
PHONE:	949-752-5452	P.O. #	
FAX:	949-725-3790	PROJECT #	10500 Omega IAQ
DATE RECEIVED:	09/02/2011	CONTACT:	Kyle Vagadori
DATE COMPLETED:	09/15/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
18A	IAQ-WCCS4-083111	Modified TO-15 SIM	6.0 "Hg	5 psi
19A	IAQ-WCCS6-083111	Modified TO-15 SIM	8.4 "Hg	5 psi
20A	IAQ-WCCS7-083111	Modified TO-15 SIM	9.0 "Hg	5 psi
21A	IAQ-WCCS7-083111-K	Modified TO-15 SIM	7.0 "Hg	5 psi
22A	IAQ-AA8-083111	Modified TO-15 SIM	7.6 "Hg	5 psi
23A	IAQ-AA1-083111	Modified TO-15 SIM	9.4 "Hg	5 psi
24A	Lab Blank	Modified TO-15 SIM	NA	NA
24B	Lab Blank	Modified TO-15 SIM	NA	NA
25A	CCV	Modified TO-15 SIM	NA	NA
25B	CCV	Modified TO-15 SIM	NA	NA
26A	LCS	Modified TO-15 SIM	NA	NA
26AA	LCSD	Modified TO-15 SIM	NA	NA
26B	LCS	Modified TO-15 SIM	NA	NA
26BB	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY:



DATE: 09/15/11

Laboratory Director

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15 SIM
CDM
Workorder# 1109048**

twenty-three 6 Liter Summa Canister (SIM Certified) samples were received on September 02, 2011. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+ - 30% Difference	Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample IAQ-TP3-083111 due to the presence of high level target species.

1,2-Dichlorobenzene was detected in the laboratory blank analyzed on September 6, 2011 at the reporting limit.

Associated samples had no detections for 1,2-Dichlorobenzene.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-FRR1-083111

Lab ID#: 1109048-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.58	0.16	2.9
Freon 11	0.032	1.2	0.18	6.7
1,1-Dichloroethene	0.016	2.8	0.063	11
Freon 113	0.032	0.58	0.24	4.5
Chloroform	0.032	0.068	0.15	0.33
Carbon Tetrachloride	0.032	0.10	0.20	0.63
Benzene	0.079	0.19	0.25	0.61
1,2-Dichloroethane	0.032	0.11	0.13	0.45
Trichloroethene	0.032	0.33	0.17	1.8
Toluene	0.032	0.67	0.12	2.5
Tetrachloroethene	0.032	3.6	0.21	24
Ethyl Benzene	0.032	0.089	0.14	0.39
m,p-Xylene	0.063	0.26	0.27	1.1
o-Xylene	0.032	0.092	0.14	0.40
1,4-Dichlorobenzene	0.032	2.4	0.19	15
Acetone	0.79	13	1.9	32
Methylene Chloride	0.32	0.35	1.1	1.2

Client Sample ID: IAQ-FRR2-083111

Lab ID#: 1109048-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.030	0.57	0.15	2.8
Freon 11	0.030	2.0	0.17	11
1,1-Dichloroethene	0.015	1.0	0.059	4.2
Freon 113	0.030	0.24	0.23	1.8
Chloroform	0.030	0.044	0.15	0.21
Carbon Tetrachloride	0.030	0.088	0.19	0.55
Benzene	0.075	0.22	0.24	0.70
1,2-Dichloroethane	0.030	0.033	0.12	0.13
Trichloroethene	0.030	0.19	0.16	1.0



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-FRR2-083111

Lab ID#: 1109048-02A

Toluene	0.030	1.1	0.11	4.1
Tetrachloroethene	0.030	2.3	0.20	16
Ethyl Benzene	0.030	0.12	0.13	0.51
m,p-Xylene	0.060	0.35	0.26	1.5
o-Xylene	0.030	0.15	0.13	0.64
1,4-Dichlorobenzene	0.030	0.71	0.18	4.3
trans-1,2-Dichloroethene	0.15	0.29	0.59	1.1
Acetone	0.75	10	1.8	24
Methylene Chloride	0.30	1.2	1.0	4.2

Client Sample ID: IAQ-FRR3-083111

Lab ID#: 1109048-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.60	0.16	3.0
Freon 11	0.032	1.8	0.18	9.9
1,1-Dichloroethene	0.016	0.69	0.064	2.7
Freon 113	0.032	0.27	0.25	2.1
Chloroform	0.032	0.044	0.16	0.22
Carbon Tetrachloride	0.032	0.096	0.20	0.60
Benzene	0.080	0.23	0.26	0.72
Trichloroethene	0.032	0.16	0.17	0.86
Toluene	0.032	0.55	0.12	2.1
Tetrachloroethene	0.032	1.6	0.22	11
Ethyl Benzene	0.032	0.089	0.14	0.38
m,p-Xylene	0.064	0.25	0.28	1.1
o-Xylene	0.032	0.11	0.14	0.48
1,4-Dichlorobenzene	0.032	0.58	0.19	3.5
Acetone	0.80	6.0	1.9	14

Client Sample ID: IAQ-ROP1-083111

Lab ID#: 1109048-04A



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-ROP1-083111

Lab ID#: 1109048-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.58	0.17	2.8
Freon 11	0.034	0.33	0.19	1.9
1,1-Dichloroethene	0.017	0.028	0.067	0.11
Freon 113	0.034	0.083	0.26	0.64
Carbon Tetrachloride	0.034	0.087	0.21	0.55
Benzene	0.085	0.15	0.27	0.48
1,2-Dichloroethane	0.034	0.037	0.14	0.15
Toluene	0.034	0.89	0.13	3.4
Tetrachloroethene	0.034	0.12	0.23	0.80
Ethyl Benzene	0.034	0.11	0.15	0.46
m,p-Xylene	0.068	0.29	0.30	1.3
o-Xylene	0.034	0.11	0.15	0.48
Acetone	0.85	22	2.0	51
Methylene Chloride	0.34	1.6	1.2	5.5

Client Sample ID: IAQ-ROP2-083111

Lab ID#: 1109048-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.56	0.15	2.8
Freon 11	0.031	0.35	0.18	2.0
1,1-Dichloroethene	0.016	0.017	0.062	0.066
Freon 113	0.031	0.071	0.24	0.54
Carbon Tetrachloride	0.031	0.084	0.20	0.53
Benzene	0.078	0.16	0.25	0.51
Toluene	0.031	0.44	0.12	1.7
Tetrachloroethene	0.031	0.087	0.21	0.59
Ethyl Benzene	0.031	0.053	0.14	0.23
m,p-Xylene	0.062	0.15	0.27	0.65
o-Xylene	0.031	0.057	0.14	0.25
Acetone	0.78	5.6	1.8	13



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-ROP3-083111

Lab ID#: 1109048-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.57	0.17	2.8
Freon 11	0.035	0.34	0.20	1.9
1,1-Dichloroethene	0.018	0.020	0.069	0.080
Freon 113	0.035	0.081	0.27	0.62
Carbon Tetrachloride	0.035	0.092	0.22	0.58
Benzene	0.088	0.14	0.28	0.46
Toluene	0.035	0.48	0.13	1.8
Tetrachloroethene	0.035	0.098	0.24	0.66
Ethyl Benzene	0.035	0.073	0.15	0.32
m,p-Xylene	0.070	0.19	0.30	0.83
o-Xylene	0.035	0.063	0.15	0.27
Acetone	0.88	17	2.1	42
Methylene Chloride	0.35	0.59	1.2	2.1

Client Sample ID: IAQ-ROP4-083111

Lab ID#: 1109048-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.59	0.17	2.9
Freon 11	0.035	0.40	0.20	2.2
1,1-Dichloroethene	0.018	0.030	0.069	0.12
Freon 113	0.035	0.080	0.27	0.61
Chloroform	0.035	0.048	0.17	0.23
Carbon Tetrachloride	0.035	0.085	0.22	0.53
Benzene	0.088	0.16	0.28	0.50
Toluene	0.035	0.39	0.13	1.5
Tetrachloroethene	0.035	0.14	0.24	0.98
Ethyl Benzene	0.035	0.049	0.15	0.21
m,p-Xylene	0.070	0.13	0.30	0.56
o-Xylene	0.035	0.046	0.15	0.20
Acetone	0.88	7.1	2.1	17



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-ROP5-083111

Lab ID#: 1109048-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.58	0.16	2.9
Freon 11	0.033	0.38	0.19	2.1
1,1-Dichloroethene	0.017	0.050	0.066	0.20
Freon 113	0.033	0.081	0.25	0.62
Chloroform	0.033	0.11	0.16	0.55
Carbon Tetrachloride	0.033	0.091	0.21	0.57
Benzene	0.083	0.14	0.26	0.46
Toluene	0.033	0.39	0.12	1.5
Tetrachloroethene	0.033	0.23	0.22	1.6
Ethyl Benzene	0.033	0.051	0.14	0.22
m,p-Xylene	0.066	0.14	0.29	0.63
o-Xylene	0.033	0.049	0.14	0.21
Acetone	0.83	8.1	2.0	19

Client Sample ID: IAQ-B1-083111-K

Lab ID#: 1109048-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.58	0.15	2.9
Freon 11	0.031	0.33	0.17	1.9
Freon 113	0.031	0.19	0.24	1.4
Carbon Tetrachloride	0.031	0.10	0.20	0.63
Benzene	0.078	0.19	0.25	0.61
1,2-Dichloroethane	0.031	0.036	0.12	0.14
Toluene	0.031	0.67	0.12	2.5
Tetrachloroethene	0.031	0.082	0.21	0.56
Ethyl Benzene	0.031	0.070	0.13	0.30
m,p-Xylene	0.062	0.19	0.27	0.84
o-Xylene	0.031	0.075	0.13	0.33
Acetone	0.78	8.4	1.8	20
Methylene Chloride	0.31	0.43	1.1	1.5



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-B1-083111

Lab ID#: 1109048-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.60	0.16	3.0
Freon 11	0.032	0.33	0.18	1.9
Freon 113	0.032	0.19	0.25	1.4
Carbon Tetrachloride	0.032	0.10	0.20	0.63
Benzene	0.080	0.19	0.26	0.60
1,2-Dichloroethane	0.032	0.040	0.13	0.16
Toluene	0.032	0.66	0.12	2.5
Tetrachloroethylene	0.032	0.084	0.22	0.57
Ethyl Benzene	0.032	0.069	0.14	0.30
m,p-Xylene	0.064	0.19	0.28	0.83
o-Xylene	0.032	0.072	0.14	0.31
Acetone	0.80	7.8	1.9	19

Client Sample ID: IAQ-B2-083111

Lab ID#: 1109048-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.60	0.15	3.0
Freon 11	0.031	0.32	0.17	1.8
1,1-Dichloroethene	0.016	0.023	0.061	0.092
Freon 113	0.031	0.39	0.24	3.0
Chloroform	0.031	0.034	0.15	0.17
Carbon Tetrachloride	0.031	0.097	0.20	0.61
Benzene	0.078	0.22	0.25	0.70
1,2-Dichloroethane	0.031	0.035	0.12	0.14
Toluene	0.031	0.80	0.12	3.0
Tetrachloroethylene	0.031	0.14	0.21	0.98
Ethyl Benzene	0.031	0.16	0.13	0.68
m,p-Xylene	0.062	0.40	0.27	1.7
o-Xylene	0.031	0.13	0.13	0.58
Acetone	0.78	11	1.8	27



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-B2-083111

Lab ID#: 1109048-11A

Methylene Chloride	0.31	0.37	1.1	1.3
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Client Sample ID: IAQ-B3-083111

Lab ID#: 1109048-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.61	0.16	3.0
Freon 11	0.032	0.32	0.18	1.8
Freon 113	0.032	0.12	0.25	0.96
Carbon Tetrachloride	0.032	0.097	0.20	0.61
Benzene	0.080	0.21	0.26	0.68
1,2-Dichloroethane	0.032	0.034	0.13	0.14
Toluene	0.032	0.62	0.12	2.3
Tetrachloroethene	0.032	0.065	0.22	0.44
Ethyl Benzene	0.032	0.076	0.14	0.33
m,p-Xylene	0.064	0.20	0.28	0.89
o-Xylene	0.032	0.072	0.14	0.31
Acetone	0.80	6.0	1.9	14

Client Sample ID: IAQ-TP1-083111

Lab ID#: 1109048-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.60	0.16	3.0
Freon 11	0.032	0.37	0.18	2.1
1,1-Dichloroethene	0.016	0.020	0.064	0.077
Freon 113	0.032	0.080	0.25	0.61
Carbon Tetrachloride	0.032	0.094	0.20	0.59
Benzene	0.081	0.27	0.26	0.85
Toluene	0.032	4.8	0.12	18
Tetrachloroethene	0.032	0.18	0.22	1.2
Ethyl Benzene	0.032	1.3	0.14	5.7
m,p-Xylene	0.065	6.2	0.28	27



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-TP1-083111

Lab ID#: 1109048-13A

o-Xylene	0.032	2.2	0.14	9.6
Acetone	0.81	12	1.9	30

Client Sample ID: IAQ-TP2-083111

Lab ID#: 1109048-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.59	0.16	2.9
Freon 11	0.033	0.38	0.18	2.1
1,1-Dichloroethene	0.016	0.022	0.065	0.089
Freon 113	0.033	0.087	0.25	0.66
Chloroform	0.033	0.032 J	0.16	0.16 J
Carbon Tetrachloride	0.033	0.096	0.20	0.61
Benzene	0.082	0.28	0.26	0.91
Toluene	0.033	6.5	0.12	24
Tetrachloroethene	0.033	0.16	0.22	1.1
Ethyl Benzene	0.033	1.8	0.14	8.0
m,p-Xylene	0.065	8.4	0.28	36
o-Xylene	0.033	3.1	0.14	13
Acetone	0.82	12	1.9	27

Client Sample ID: IAQ-TP3-083111

Lab ID#: 1109048-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.088	0.61	0.43	3.0
Freon 11	0.088	0.36	0.49	2.0
Freon 113	0.088	0.088	0.67	0.67
Carbon Tetrachloride	0.088	0.092	0.55	0.58
Benzene	0.22	0.95	0.70	3.0
Toluene	0.088	41	0.33	160
1,1,2-Trichloroethane	0.088	0.097	0.48	0.53
Tetrachloroethene	0.088	0.15	0.59	1.0



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-TP3-083111

Lab ID#: 1109048-15A

Ethyl Benzene	0.088	12	0.38	54
m,p-Xylene	0.18	58	0.76	250
o-Xylene	0.088	23	0.38	98
Acetone	2.2	39	5.2	93

Client Sample ID: IAQ-WCCS2-083111

Lab ID#: 1109048-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.037	0.62	0.18	3.1
Freon 11	0.037	0.37	0.21	2.1
1,1-Dichloroethene	0.018	0.21	0.073	0.84
Freon 113	0.037	0.15	0.28	1.2
Carbon Tetrachloride	0.037	0.090	0.23	0.57
Benzene	0.092	0.18	0.29	0.56
Trichloroethene	0.037	0.056	0.20	0.30
Toluene	0.037	0.44	0.14	1.6
Tetrachloroethene	0.037	0.88	0.25	6.0
Ethyl Benzene	0.037	0.063	0.16	0.27
m,p-Xylene	0.074	0.19	0.32	0.81
o-Xylene	0.037	0.072	0.16	0.31
Acetone	0.92	6.0	2.2	14

Client Sample ID: IAQ-WCCS3-083111

Lab ID#: 1109048-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.60	0.17	3.0
Freon 11	0.034	0.38	0.19	2.1
1,1-Dichloroethene	0.017	0.21	0.067	0.84
Freon 113	0.034	0.16	0.26	1.2
Chloroform	0.034	0.034	0.16	0.17
Carbon Tetrachloride	0.034	0.097	0.21	0.61



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-WCCS3-083111

Lab ID#: 1109048-17A

Benzene	0.084	0.16	0.27	0.50
Trichloroethene	0.034	0.058	0.18	0.31
Toluene	0.034	0.41	0.13	1.6
Tetrachloroethene	0.034	0.90	0.23	6.1
Ethyl Benzene	0.034	0.051	0.15	0.22
m,p-Xylene	0.068	0.14	0.29	0.60
o-Xylene	0.034	0.053	0.15	0.23
Acetone	0.84	7.1	2.0	17

Client Sample ID: IAQ-WCCS4-083111

Lab ID#: 1109048-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.64	0.17	3.2
Freon 11	0.034	0.40	0.19	2.2
1,1-Dichloroethene	0.017	0.23	0.067	0.90
Freon 113	0.034	0.17	0.26	1.3
Chloroform	0.034	0.053	0.16	0.26
Carbon Tetrachloride	0.034	0.11	0.21	0.68
Benzene	0.084	0.16	0.27	0.52
Trichloroethene	0.034	0.059	0.18	0.32
Toluene	0.034	0.41	0.13	1.6
Tetrachloroethene	0.034	0.90	0.23	6.1
Ethyl Benzene	0.034	0.052	0.14	0.23
m,p-Xylene	0.067	0.14	0.29	0.59
o-Xylene	0.034	0.051	0.14	0.22
Acetone	0.84	8.2	2.0	20
Methylene Chloride	0.34	0.46	1.2	1.6

Client Sample ID: IAQ-WCCS6-083111

Lab ID#: 1109048-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
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Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-WCCS6-083111

Lab ID#: 1109048-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.037	0.60	0.18	3.0
Freon 11	0.037	0.37	0.21	2.1
1,1-Dichloroethene	0.019	0.23	0.074	0.92
Freon 113	0.037	0.16	0.28	1.2
Chloroform	0.037	0.057	0.18	0.28
Carbon Tetrachloride	0.037	0.094	0.23	0.59
Benzene	0.093	0.16	0.30	0.51
Trichloroethene	0.037	0.065	0.20	0.35
Toluene	0.037	0.40	0.14	1.5
Tetrachloroethene	0.037	0.90	0.25	6.1
Ethyl Benzene	0.037	0.049	0.16	0.21
m,p-Xylene	0.074	0.13	0.32	0.55
o-Xylene	0.037	0.046	0.16	0.20
Acetone	0.93	7.3	2.2	17

Client Sample ID: IAQ-WCCS7-083111

Lab ID#: 1109048-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.038	0.60	0.19	3.0
Freon 11	0.038	0.38	0.21	2.1
1,1-Dichloroethene	0.019	0.23	0.076	0.91
Freon 113	0.038	0.16	0.29	1.3
Chloroform	0.038	0.058	0.19	0.28
Carbon Tetrachloride	0.038	0.10	0.24	0.63
Benzene	0.096	0.16	0.30	0.50
1,2-Dichloroethane	0.038	0.045	0.15	0.18
Trichloroethene	0.038	0.058	0.20	0.31
Toluene	0.038	0.39	0.14	1.5
Tetrachloroethene	0.038	0.91	0.26	6.2
Ethyl Benzene	0.038	0.049	0.16	0.21



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-WCCS7-083111

Lab ID#: 1109048-20A

m,p-Xylene	0.076	0.12	0.33	0.55
o-Xylene	0.038	0.046	0.16	0.20
Acetone	0.96	7.2	2.3	17

Client Sample ID: IAQ-WCCS7-083111-K

Lab ID#: 1109048-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.61	0.17	3.0
Freon 11	0.035	0.39	0.20	2.2
1,1-Dichloroethene	0.018	0.24	0.069	0.94
Freon 113	0.035	0.17	0.27	1.3
Chloroform	0.035	0.057	0.17	0.28
Carbon Tetrachloride	0.035	0.10	0.22	0.63
Benzene	0.088	0.16	0.28	0.50
1,2-Dichloroethane	0.035	0.038	0.14	0.15
Trichloroethene	0.035	0.067	0.19	0.36
Toluene	0.035	0.40	0.13	1.5
Tetrachloroethene	0.035	0.96	0.24	6.5
Ethyl Benzene	0.035	0.051	0.15	0.22
m,p-Xylene	0.070	0.13	0.30	0.58
o-Xylene	0.035	0.048	0.15	0.21
Acetone	0.88	7.9	2.1	19

Client Sample ID: IAQ-AA8-083111

Lab ID#: 1109048-22A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.62	0.18	3.1
Freon 11	0.036	0.36	0.20	2.0
Freon 113	0.036	0.080	0.27	0.61
Carbon Tetrachloride	0.036	0.096	0.22	0.60
Benzene	0.090	0.16	0.28	0.53



Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IAQ-AA8-083111

Lab ID#: 1109048-22A

Toluene	0.036	0.40	0.13	1.5
Tetrachloroethene	0.036	0.054	0.24	0.37
Ethyl Benzene	0.036	0.050	0.16	0.22
m,p-Xylene	0.072	0.12	0.31	0.54
o-Xylene	0.036	0.046	0.16	0.20
Acetone	0.90	7.0	2.1	17

Client Sample ID: IAQ-AA1-083111

Lab ID#: 1109048-23A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.039	0.59	0.19	2.9
Freon 11	0.039	0.29	0.22	1.6
1,1-Dichloroethene	0.020	0.022	0.077	0.087
Freon 113	0.039	0.084	0.30	0.64
Carbon Tetrachloride	0.039	0.093	0.24	0.58
Benzene	0.098	0.76	0.31	2.4
Toluene	0.039	6.6	0.15	25
Tetrachloroethene	0.039	0.099	0.26	0.67
Ethyl Benzene	0.039	1.3	0.17	5.7
m,p-Xylene	0.078	5.7	0.34	25
o-Xylene	0.039	1.9	0.17	8.2
Acetone	0.98	10	2.3	24



Client Sample ID: IAQ-FRR1-083111

Lab ID#: 1109048-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090611	Date of Collection:	8/31/11 7:07:00 AM	
Dil. Factor:	1.58	Date of Analysis:	9/6/11 03:22 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.58	0.16	2.9
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
Freon 11	0.032	1.2	0.18	6.7
1,1-Dichloroethene	0.016	2.8	0.063	11
Freon 113	0.032	0.58	0.24	4.5
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.12	Not Detected
Chloroform	0.032	0.068	0.15	0.33
1,1,1-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Carbon Tetrachloride	0.032	0.10	0.20	0.63
Benzene	0.079	0.19	0.25	0.61
1,2-Dichloroethane	0.032	0.11	0.13	0.45
Trichloroethene	0.032	0.33	0.17	1.8
trans-1,3-Dichloropropene	0.032	Not Detected	0.14	Not Detected
Toluene	0.032	0.67	0.12	2.5
1,1,2-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	3.6	0.21	24
Chlorobenzene	0.032	Not Detected	0.14	Not Detected
Ethyl Benzene	0.032	0.089	0.14	0.39
m,p-Xylene	0.063	0.26	0.27	1.1
o-Xylene	0.032	0.092	0.14	0.40
1,4-Dichlorobenzene	0.032	2.4	0.19	15
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	13	1.9	32
Methylene Chloride	0.32	0.35	1.1	1.2
Methyl tert-butyl ether	0.16	Not Detected	0.57	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	106	70-130



Client Sample ID: IAQ-FRR2-083111

Lab ID#: 1109048-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090613	Date of Collection:	8/31/11 7:10:00 AM	
Dil. Factor:	1.50	Date of Analysis:	9/6/11 04:57 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.030	0.57	0.15	2.8
Vinyl Chloride	0.015	Not Detected	0.038	Not Detected
Freon 11	0.030	2.0	0.17	11
1,1-Dichloroethene	0.015	1.0	0.059	4.2
Freon 113	0.030	0.24	0.23	1.8
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
Chloroform	0.030	0.044	0.15	0.21
1,1,1-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Carbon Tetrachloride	0.030	0.088	0.19	0.55
Benzene	0.075	0.22	0.24	0.70
1,2-Dichloroethane	0.030	0.033	0.12	0.13
Trichloroethene	0.030	0.19	0.16	1.0
trans-1,3-Dichloropropene	0.030	Not Detected	0.14	Not Detected
Toluene	0.030	1.1	0.11	4.1
1,1,2-Trichloroethane	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	2.3	0.20	16
Chlorobenzene	0.030	Not Detected	0.14	Not Detected
Ethyl Benzene	0.030	0.12	0.13	0.51
m,p-Xylene	0.060	0.35	0.26	1.5
o-Xylene	0.030	0.15	0.13	0.64
1,4-Dichlorobenzene	0.030	0.71	0.18	4.3
1,2-Dichlorobenzene	0.030	Not Detected	0.18	Not Detected
trans-1,2-Dichloroethene	0.15	0.29	0.59	1.1
Acetone	0.75	10	1.8	24
Methylene Chloride	0.30	1.2	1.0	4.2
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
1,1,2,2-Tetrachloroethane	0.030	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	107	70-130



Client Sample ID: IAQ-FRR3-083111

Lab ID#: 1109048-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090614	Date of Collection:	8/31/11 7:11:00 AM	
Dil. Factor:	1.61	Date of Analysis:	9/6/11 05:43 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.60	0.16	3.0
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	1.8	0.18	9.9
1,1-Dichloroethene	0.016	0.69	0.064	2.7
Freon 113	0.032	0.27	0.25	2.1
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	0.044	0.16	0.22
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.032	0.096	0.20	0.60
Benzene	0.080	0.23	0.26	0.72
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	0.16	0.17	0.86
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	0.55	0.12	2.1
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	1.6	0.22	11
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	0.089	0.14	0.38
m,p-Xylene	0.064	0.25	0.28	1.1
o-Xylene	0.032	0.11	0.14	0.48
1,4-Dichlorobenzene	0.032	0.58	0.19	3.5
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	6.0	1.9	14
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: IAQ-ROP1-083111

Lab ID#: 1109048-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090615	Date of Collection:	8/31/11 7:41:00 AM	
Dil. Factor:	1.70	Date of Analysis:	9/6/11 06:18 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.58	0.17	2.8
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.33	0.19	1.9
1,1-Dichloroethene	0.017	0.028	0.067	0.11
Freon 113	0.034	0.083	0.26	0.64
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.087	0.21	0.55
Benzene	0.085	0.15	0.27	0.48
1,2-Dichloroethane	0.034	0.037	0.14	0.15
Trichloroethene	0.034	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	0.89	0.13	3.4
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.12	0.23	0.80
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.11	0.15	0.46
m,p-Xylene	0.068	0.29	0.30	1.3
o-Xylene	0.034	0.11	0.15	0.48
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.85	22	2.0	51
Methylene Chloride	0.34	1.6	1.2	5.5
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: IAQ-ROP2-083111

Lab ID#: 1109048-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090616	Date of Collection:	8/31/11 7:47:00 AM	
Dil. Factor:	1.56	Date of Analysis:	9/6/11 06:54 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.56	0.15	2.8
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
Freon 11	0.031	0.35	0.18	2.0
1,1-Dichloroethene	0.016	0.017	0.062	0.066
Freon 113	0.031	0.071	0.24	0.54
1,1-Dichloroethane	0.031	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
Chloroform	0.031	Not Detected	0.15	Not Detected
1,1,1-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Carbon Tetrachloride	0.031	0.084	0.20	0.53
Benzene	0.078	0.16	0.25	0.51
1,2-Dichloroethane	0.031	Not Detected	0.13	Not Detected
Trichloroethene	0.031	Not Detected	0.17	Not Detected
trans-1,3-Dichloropropene	0.031	Not Detected	0.14	Not Detected
Toluene	0.031	0.44	0.12	1.7
1,1,2-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	0.087	0.21	0.59
Chlorobenzene	0.031	Not Detected	0.14	Not Detected
Ethyl Benzene	0.031	0.053	0.14	0.23
m,p-Xylene	0.062	0.15	0.27	0.65
o-Xylene	0.031	0.057	0.14	0.25
1,4-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.62	Not Detected
Acetone	0.78	5.6	1.8	13
Methylene Chloride	0.31	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.56	Not Detected
1,1,2,2-Tetrachloroethane	0.031	Not Detected	0.21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	111	70-130



Client Sample ID: IAQ-ROP3-083111

Lab ID#: 1109048-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090617	Date of Collection:	8/31/11 7:44:00 AM	
Dil. Factor:	1.75	Date of Analysis:	9/6/11 07:42 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.57	0.17	2.8
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.34	0.20	1.9
1,1-Dichloroethene	0.018	0.020	0.069	0.080
Freon 113	0.035	0.081	0.27	0.62
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.092	0.22	0.58
Benzene	0.088	0.14	0.28	0.46
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	0.48	0.13	1.8
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.098	0.24	0.66
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.073	0.15	0.32
m,p-Xylene	0.070	0.19	0.30	0.83
o-Xylene	0.035	0.063	0.15	0.27
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	17	2.1	42
Methylene Chloride	0.35	0.59	1.2	2.1
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	106	70-130



Client Sample ID: IAQ-ROP4-083111

Lab ID#: 1109048-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090623	Date of Collection:	8/31/11 7:53:00 AM	
Dil. Factor:	1.75	Date of Analysis:	9/7/11 12:20 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.59	0.17	2.9
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.40	0.20	2.2
1,1-Dichloroethene	0.018	0.030	0.069	0.12
Freon 113	0.035	0.080	0.27	0.61
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.048	0.17	0.23
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.085	0.22	0.53
Benzene	0.088	0.16	0.28	0.50
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	0.39	0.13	1.5
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.14	0.24	0.98
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.049	0.15	0.21
m,p-Xylene	0.070	0.13	0.30	0.56
o-Xylene	0.035	0.046	0.15	0.20
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	7.1	2.1	17
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	105	70-130



Client Sample ID: IAQ-ROP5-083111

Lab ID#: 1109048-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090618	Date of Collection:	8/31/11 7:51:00 AM	
Dil. Factor:	1.66	Date of Analysis:	9/6/11 08:25 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.58	0.16	2.9
Vinyl Chloride	0.017	Not Detected	0.042	Not Detected
Freon 11	0.033	0.38	0.19	2.1
1,1-Dichloroethene	0.017	0.050	0.066	0.20
Freon 113	0.033	0.081	0.25	0.62
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.11	0.16	0.55
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.091	0.21	0.57
Benzene	0.083	0.14	0.26	0.46
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	0.39	0.12	1.5
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.23	0.22	1.6
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	0.051	0.14	0.22
m,p-Xylene	0.066	0.14	0.29	0.63
o-Xylene	0.033	0.049	0.14	0.21
1,4-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Acetone	0.83	8.1	2.0	19
Methylene Chloride	0.33	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	106	70-130



Client Sample ID: IAQ-B1-083111-K

Lab ID#: 1109048-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090619	Date of Collection:	8/31/11 8:06:00 AM	
Dil. Factor:	1.55	Date of Analysis:	9/6/11 09:07 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.58	0.15	2.9
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
Freon 11	0.031	0.33	0.17	1.9
1,1-Dichloroethene	0.016	Not Detected	0.061	Not Detected
Freon 113	0.031	0.19	0.24	1.4
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
Chloroform	0.031	Not Detected	0.15	Not Detected
1,1,1-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Carbon Tetrachloride	0.031	0.10	0.20	0.63
Benzene	0.078	0.19	0.25	0.61
1,2-Dichloroethane	0.031	0.036	0.12	0.14
Trichloroethene	0.031	Not Detected	0.17	Not Detected
trans-1,3-Dichloropropene	0.031	Not Detected	0.14	Not Detected
Toluene	0.031	0.67	0.12	2.5
1,1,2-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	0.082	0.21	0.56
Chlorobenzene	0.031	Not Detected	0.14	Not Detected
Ethyl Benzene	0.031	0.070	0.13	0.30
m,p-Xylene	0.062	0.19	0.27	0.84
o-Xylene	0.031	0.075	0.13	0.33
1,4-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Acetone	0.78	8.4	1.8	20
Methylene Chloride	0.31	0.43	1.1	1.5
Methyl tert-butyl ether	0.16	Not Detected	0.56	Not Detected
1,1,2,2-Tetrachloroethane	0.031	Not Detected	0.21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	109	70-130



Client Sample ID: IAQ-B1-083111

Lab ID#: 1109048-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090620	Date of Collection:	8/31/11 8:05:00 AM	
Dil. Factor:	1.61	Date of Analysis:	9/6/11 09:46 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.60	0.16	3.0
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	0.33	0.18	1.9
1,1-Dichloroethene	0.016	Not Detected	0.064	Not Detected
Freon 113	0.032	0.19	0.25	1.4
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	Not Detected	0.16	Not Detected
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.032	0.10	0.20	0.63
Benzene	0.080	0.19	0.26	0.60
1,2-Dichloroethane	0.032	0.040	0.13	0.16
Trichloroethene	0.032	Not Detected	0.17	Not Detected
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	0.66	0.12	2.5
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	0.084	0.22	0.57
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	0.069	0.14	0.30
m,p-Xylene	0.064	0.19	0.28	0.83
o-Xylene	0.032	0.072	0.14	0.31
1,4-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	7.8	1.9	19
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	109	70-130



Client Sample ID: IAQ-B2-083111

Lab ID#: 1109048-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090621	Date of Collection:	8/31/11 8:11:00 AM	
Dil. Factor:	1.55	Date of Analysis:	9/6/11 10:58 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.031	0.60	0.15	3.0
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
Freon 11	0.031	0.32	0.17	1.8
1,1-Dichloroethene	0.016	0.023	0.061	0.092
Freon 113	0.031	0.39	0.24	3.0
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
Chloroform	0.031	0.034	0.15	0.17
1,1,1-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Carbon Tetrachloride	0.031	0.097	0.20	0.61
Benzene	0.078	0.22	0.25	0.70
1,2-Dichloroethane	0.031	0.035	0.12	0.14
Trichloroethene	0.031	Not Detected	0.17	Not Detected
trans-1,3-Dichloropropene	0.031	Not Detected	0.14	Not Detected
Toluene	0.031	0.80	0.12	3.0
1,1,2-Trichloroethane	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	0.14	0.21	0.98
Chlorobenzene	0.031	Not Detected	0.14	Not Detected
Ethyl Benzene	0.031	0.16	0.13	0.68
m,p-Xylene	0.062	0.40	0.27	1.7
o-Xylene	0.031	0.13	0.13	0.58
1,4-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.031	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Acetone	0.78	11	1.8	27
Methylene Chloride	0.31	0.37	1.1	1.3
Methyl tert-butyl ether	0.16	Not Detected	0.56	Not Detected
1,1,2,2-Tetrachloroethane	0.031	Not Detected	0.21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	112	70-130



Client Sample ID: IAQ-B3-083111

Lab ID#: 1109048-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090624	Date of Collection:	8/31/11 8:14:00 AM	
Dil. Factor:	1.61	Date of Analysis:	9/7/11 07:22 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.61	0.16	3.0
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	0.32	0.18	1.8
1,1-Dichloroethene	0.016	Not Detected	0.064	Not Detected
Freon 113	0.032	0.12	0.25	0.96
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	Not Detected	0.16	Not Detected
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.032	0.097	0.20	0.61
Benzene	0.080	0.21	0.26	0.68
1,2-Dichloroethane	0.032	0.034	0.13	0.14
Trichloroethene	0.032	Not Detected	0.17	Not Detected
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	0.62	0.12	2.3
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	0.065	0.22	0.44
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	0.076	0.14	0.33
m,p-Xylene	0.064	0.20	0.28	0.89
o-Xylene	0.032	0.072	0.14	0.31
1,4-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	6.0	1.9	14
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	110	70-130



Client Sample ID: IAQ-TP1-083111

Lab ID#: 1109048-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090625	Date of Collection:	8/31/11 8:25:00 AM	
Dil. Factor:	1.62	Date of Analysis:	9/7/11 07:58 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.032	0.60	0.16	3.0
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
Freon 11	0.032	0.37	0.18	2.1
1,1-Dichloroethene	0.016	0.020	0.064	0.077
Freon 113	0.032	0.080	0.25	0.61
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Chloroform	0.032	Not Detected	0.16	Not Detected
1,1,1-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.032	0.094	0.20	0.59
Benzene	0.081	0.27	0.26	0.85
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
trans-1,3-Dichloropropene	0.032	Not Detected	0.15	Not Detected
Toluene	0.032	4.8	0.12	18
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected
Tetrachloroethene	0.032	0.18	0.22	1.2
Chlorobenzene	0.032	Not Detected	0.15	Not Detected
Ethyl Benzene	0.032	1.3	0.14	5.7
m,p-Xylene	0.065	6.2	0.28	27
o-Xylene	0.032	2.2	0.14	9.6
1,4-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
1,2-Dichlorobenzene	0.032	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.81	12	1.9	30
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
1,1,2,2-Tetrachloroethane	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	111	70-130



Client Sample ID: IAQ-TP2-083111

Lab ID#: 1109048-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090709	Date of Collection:	8/31/11 8:31:00 AM	
Dil. Factor:	1.63	Date of Analysis:	9/7/11 02:33 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.033	0.59	0.16	2.9
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
Freon 11	0.033	0.38	0.18	2.1
1,1-Dichloroethene	0.016	0.022	0.065	0.089
Freon 113	0.033	0.087	0.25	0.66
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Chloroform	0.033	0.032 J	0.16	0.16 J
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.096	0.20	0.61
Benzene	0.082	0.28	0.26	0.91
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
trans-1,3-Dichloropropene	0.033	Not Detected	0.15	Not Detected
Toluene	0.033	6.5	0.12	24
1,1,2-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.16	0.22	1.1
Chlorobenzene	0.033	Not Detected	0.15	Not Detected
Ethyl Benzene	0.033	1.8	0.14	8.0
m,p-Xylene	0.065	8.4	0.28	36
o-Xylene	0.033	3.1	0.14	13
1,4-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.033	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Acetone	0.82	12	1.9	27
Methylene Chloride	0.33	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected
1,1,2,2-Tetrachloroethane	0.033	Not Detected	0.22	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	106	70-130



Client Sample ID: IAQ-TP3-083111

Lab ID#: 1109048-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090713	Date of Collection:	8/31/11 8:33:00 AM	
Dil. Factor:	4.38	Date of Analysis:	9/7/11 06:25 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.088	0.61	0.43	3.0
Vinyl Chloride	0.044	Not Detected	0.11	Not Detected
Freon 11	0.088	0.36	0.49	2.0
1,1-Dichloroethene	0.044	Not Detected	0.17	Not Detected
Freon 113	0.088	0.088	0.67	0.67
1,1-Dichloroethane	0.088	Not Detected	0.35	Not Detected
cis-1,2-Dichloroethene	0.088	Not Detected	0.35	Not Detected
Chloroform	0.088	Not Detected	0.43	Not Detected
1,1,1-Trichloroethane	0.088	Not Detected	0.48	Not Detected
Carbon Tetrachloride	0.088	0.092	0.55	0.58
Benzene	0.22	0.95	0.70	3.0
1,2-Dichloroethane	0.088	Not Detected	0.35	Not Detected
Trichloroethene	0.088	Not Detected	0.47	Not Detected
trans-1,3-Dichloropropene	0.088	Not Detected	0.40	Not Detected
Toluene	0.088	41	0.33	160
1,1,2-Trichloroethane	0.088	0.097	0.48	0.53
Tetrachloroethene	0.088	0.15	0.59	1.0
Chlorobenzene	0.088	Not Detected	0.40	Not Detected
Ethyl Benzene	0.088	12	0.38	54
m,p-Xylene	0.18	58	0.76	250
o-Xylene	0.088	23	0.38	98
1,4-Dichlorobenzene	0.088	Not Detected	0.53	Not Detected
1,2-Dichlorobenzene	0.088	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.44	Not Detected	1.7	Not Detected
Acetone	2.2	39	5.2	93
Methylene Chloride	0.88	Not Detected	3.0	Not Detected
Methyl tert-butyl ether	0.44	Not Detected	1.6	Not Detected
1,1,2,2-Tetrachloroethane	0.088	Not Detected	0.60	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: IAQ-WCCS2-083111

Lab ID#: 1109048-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090714	Date of Collection:	8/31/11 8:55:00 AM	
Dil. Factor:	1.84	Date of Analysis:	9/7/11 07:17 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.037	0.62	0.18	3.1
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
Freon 11	0.037	0.37	0.21	2.1
1,1-Dichloroethene	0.018	0.21	0.073	0.84
Freon 113	0.037	0.15	0.28	1.2
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Chloroform	0.037	Not Detected	0.18	Not Detected
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.090	0.23	0.57
Benzene	0.092	0.18	0.29	0.56
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.056	0.20	0.30
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	0.44	0.14	1.6
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.88	0.25	6.0
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.063	0.16	0.27
m,p-Xylene	0.074	0.19	0.32	0.81
o-Xylene	0.037	0.072	0.16	0.31
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.73	Not Detected
Acetone	0.92	6.0	2.2	14
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.25	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	113	70-130



Client Sample ID: IAQ-WCCS3-083111

Lab ID#: 1109048-17A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090715	Date of Collection:	8/31/11 8:57:00 AM	
Dil. Factor:	1.69	Date of Analysis:	9/7/11 08:00 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.60	0.17	3.0
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.38	0.19	2.1
1,1-Dichloroethene	0.017	0.21	0.067	0.84
Freon 113	0.034	0.16	0.26	1.2
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.034	0.16	0.17
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.097	0.21	0.61
Benzene	0.084	0.16	0.27	0.50
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.058	0.18	0.31
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	0.41	0.13	1.6
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.90	0.23	6.1
Chlorobenzene	0.034	Not Detected	0.16	Not Detected
Ethyl Benzene	0.034	0.051	0.15	0.22
m,p-Xylene	0.068	0.14	0.29	0.60
o-Xylene	0.034	0.053	0.15	0.23
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.84	7.1	2.0	17
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	106	70-130



Client Sample ID: IAQ-WCCS4-083111

Lab ID#: 1109048-18A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090716	Date of Collection:	8/31/11 8:58:00 AM	
Dil. Factor:	1.68	Date of Analysis:	9/7/11 08:45 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.034	0.64	0.17	3.2
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
Freon 11	0.034	0.40	0.19	2.2
1,1-Dichloroethene	0.017	0.23	0.067	0.90
Freon 113	0.034	0.17	0.26	1.3
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Chloroform	0.034	0.053	0.16	0.26
1,1,1-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.034	0.11	0.21	0.68
Benzene	0.084	0.16	0.27	0.52
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	0.059	0.18	0.32
trans-1,3-Dichloropropene	0.034	Not Detected	0.15	Not Detected
Toluene	0.034	0.41	0.13	1.6
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.90	0.23	6.1
Chlorobenzene	0.034	Not Detected	0.15	Not Detected
Ethyl Benzene	0.034	0.052	0.14	0.23
m,p-Xylene	0.067	0.14	0.29	0.59
o-Xylene	0.034	0.051	0.14	0.22
1,4-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
1,2-Dichlorobenzene	0.034	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.84	8.2	2.0	20
Methylene Chloride	0.34	0.46	1.2	1.6
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
1,1,2,2-Tetrachloroethane	0.034	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	107	70-130



Client Sample ID: IAQ-WCCS6-083111

Lab ID#: 1109048-19A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090717	Date of Collection:	8/31/11 9:03:00 AM	
Dil. Factor:	1.86	Date of Analysis:	9/7/11 09:24 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.037	0.60	0.18	3.0
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
Freon 11	0.037	0.37	0.21	2.1
1,1-Dichloroethene	0.019	0.23	0.074	0.92
Freon 113	0.037	0.16	0.28	1.2
1,1-Dichloroethane	0.037	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Chloroform	0.037	0.057	0.18	0.28
1,1,1-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.037	0.094	0.23	0.59
Benzene	0.093	0.16	0.30	0.51
1,2-Dichloroethane	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.065	0.20	0.35
trans-1,3-Dichloropropene	0.037	Not Detected	0.17	Not Detected
Toluene	0.037	0.40	0.14	1.5
1,1,2-Trichloroethane	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.90	0.25	6.1
Chlorobenzene	0.037	Not Detected	0.17	Not Detected
Ethyl Benzene	0.037	0.049	0.16	0.21
m,p-Xylene	0.074	0.13	0.32	0.55
o-Xylene	0.037	0.046	0.16	0.20
1,4-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.037	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected
Acetone	0.93	7.3	2.2	17
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.19	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.037	Not Detected	0.26	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	105	70-130



Client Sample ID: IAQ-WCCS7-083111

Lab ID#: 1109048-20A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090718	Date of Collection:	8/31/11 9:05:00 AM	
Dil. Factor:	1.91	Date of Analysis:	9/7/11 10:08 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.038	0.60	0.19	3.0
Vinyl Chloride	0.019	Not Detected	0.049	Not Detected
Freon 11	0.038	0.38	0.21	2.1
1,1-Dichloroethene	0.019	0.23	0.076	0.91
Freon 113	0.038	0.16	0.29	1.3
1,1-Dichloroethane	0.038	Not Detected	0.15	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Chloroform	0.038	0.058	0.19	0.28
1,1,1-Trichloroethane	0.038	Not Detected	0.21	Not Detected
Carbon Tetrachloride	0.038	0.10	0.24	0.63
Benzene	0.096	0.16	0.30	0.50
1,2-Dichloroethane	0.038	0.045	0.15	0.18
Trichloroethene	0.038	0.058	0.20	0.31
trans-1,3-Dichloropropene	0.038	Not Detected	0.17	Not Detected
Toluene	0.038	0.39	0.14	1.5
1,1,2-Trichloroethane	0.038	Not Detected	0.21	Not Detected
Tetrachloroethene	0.038	0.91	0.26	6.2
Chlorobenzene	0.038	Not Detected	0.18	Not Detected
Ethyl Benzene	0.038	0.049	0.16	0.21
m,p-Xylene	0.076	0.12	0.33	0.55
o-Xylene	0.038	0.046	0.16	0.20
1,4-Dichlorobenzene	0.038	Not Detected	0.23	Not Detected
1,2-Dichlorobenzene	0.038	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.19	Not Detected	0.76	Not Detected
Acetone	0.96	7.2	2.3	17
Methylene Chloride	0.38	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.19	Not Detected	0.69	Not Detected
1,1,2,2-Tetrachloroethane	0.038	Not Detected	0.26	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	106	70-130



Client Sample ID: IAQ-WCCS7-083111-K

Lab ID#: 1109048-21A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090719	Date of Collection:	8/31/11 9:06:00 AM	
Dil. Factor:	1.75	Date of Analysis:	9/7/11 10:42 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.035	0.61	0.17	3.0
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
Freon 11	0.035	0.39	0.20	2.2
1,1-Dichloroethene	0.018	0.24	0.069	0.94
Freon 113	0.035	0.17	0.27	1.3
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Chloroform	0.035	0.057	0.17	0.28
1,1,1-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Carbon Tetrachloride	0.035	0.10	0.22	0.63
Benzene	0.088	0.16	0.28	0.50
1,2-Dichloroethane	0.035	0.038	0.14	0.15
Trichloroethene	0.035	0.067	0.19	0.36
trans-1,3-Dichloropropene	0.035	Not Detected	0.16	Not Detected
Toluene	0.035	0.40	0.13	1.5
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.96	0.24	6.5
Chlorobenzene	0.035	Not Detected	0.16	Not Detected
Ethyl Benzene	0.035	0.051	0.15	0.22
m,p-Xylene	0.070	0.13	0.30	0.58
o-Xylene	0.035	0.048	0.15	0.21
1,4-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
1,2-Dichlorobenzene	0.035	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	7.9	2.1	19
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.63	Not Detected
1,1,2,2-Tetrachloroethane	0.035	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: IAQ-AA8-083111

Lab ID#: 1109048-22A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090721	Date of Collection:	8/31/11 9:10:00 AM	
Dil. Factor:	1.79	Date of Analysis:	9/8/11 12:09 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.036	0.62	0.18	3.1
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
Freon 11	0.036	0.36	0.20	2.0
1,1-Dichloroethene	0.018	Not Detected	0.071	Not Detected
Freon 113	0.036	0.080	0.27	0.61
1,1-Dichloroethane	0.036	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Chloroform	0.036	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Carbon Tetrachloride	0.036	0.096	0.22	0.60
Benzene	0.090	0.16	0.28	0.53
1,2-Dichloroethane	0.036	Not Detected	0.14	Not Detected
Trichloroethene	0.036	Not Detected	0.19	Not Detected
trans-1,3-Dichloropropene	0.036	Not Detected	0.16	Not Detected
Toluene	0.036	0.40	0.13	1.5
1,1,2-Trichloroethane	0.036	Not Detected	0.20	Not Detected
Tetrachloroethene	0.036	0.054	0.24	0.37
Chlorobenzene	0.036	Not Detected	0.16	Not Detected
Ethyl Benzene	0.036	0.050	0.16	0.22
m,p-Xylene	0.072	0.12	0.31	0.54
o-Xylene	0.036	0.046	0.16	0.20
1,4-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
1,2-Dichlorobenzene	0.036	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.71	Not Detected
Acetone	0.90	7.0	2.1	17
Methylene Chloride	0.36	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.18	Not Detected	0.64	Not Detected
1,1,2,2-Tetrachloroethane	0.036	Not Detected	0.24	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	107	70-130



Client Sample ID: IAQ-AA1-083111

Lab ID#: 1109048-23A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090722	Date of Collection:	8/31/11 9:15:00 AM	
Dil. Factor:	1.95	Date of Analysis:	9/8/11 08:21 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.039	0.59	0.19	2.9
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
Freon 11	0.039	0.29	0.22	1.6
1,1-Dichloroethene	0.020	0.022	0.077	0.087
Freon 113	0.039	0.084	0.30	0.64
1,1-Dichloroethane	0.039	Not Detected	0.16	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.15	Not Detected
Chloroform	0.039	Not Detected	0.19	Not Detected
1,1,1-Trichloroethane	0.039	Not Detected	0.21	Not Detected
Carbon Tetrachloride	0.039	0.093	0.24	0.58
Benzene	0.098	0.76	0.31	2.4
1,2-Dichloroethane	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
trans-1,3-Dichloropropene	0.039	Not Detected	0.18	Not Detected
Toluene	0.039	6.6	0.15	25
1,1,2-Trichloroethane	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.099	0.26	0.67
Chlorobenzene	0.039	Not Detected	0.18	Not Detected
Ethyl Benzene	0.039	1.3	0.17	5.7
m,p-Xylene	0.078	5.7	0.34	25
o-Xylene	0.039	1.9	0.17	8.2
1,4-Dichlorobenzene	0.039	Not Detected	0.23	Not Detected
1,2-Dichlorobenzene	0.039	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.20	Not Detected	0.77	Not Detected
Acetone	0.98	10	2.3	24
Methylene Chloride	0.39	Not Detected	1.4	Not Detected
Methyl tert-butyl ether	0.20	Not Detected	0.70	Not Detected
1,1,2,2-Tetrachloroethane	0.039	Not Detected	0.27	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	109	70-130



Client Sample ID: Lab Blank

Lab ID#: 1109048-24A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090610	Date of Collection: NA		
Dil. Factor:	1.00	Date of Analysis: 9/6/11 02:29 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	0.020	0.12	0.12
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	104	70-130



Client Sample ID: Lab Blank

Lab ID#: 1109048-24B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090708	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	9/7/11 01:38 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.020	Not Detected	0.099	Not Detected
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
Freon 11	0.020	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
Freon 113	0.020	Not Detected	0.15	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Chloroform	0.020	Not Detected	0.098	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
Benzene	0.050	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,3-Dichloropropene	0.020	Not Detected	0.091	Not Detected
Toluene	0.020	Not Detected	0.075	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
Chlorobenzene	0.020	Not Detected	0.092	Not Detected
Ethyl Benzene	0.020	Not Detected	0.087	Not Detected
m,p-Xylene	0.040	Not Detected	0.17	Not Detected
o-Xylene	0.020	Not Detected	0.087	Not Detected
1,4-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
1,2-Dichlorobenzene	0.020	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
1,1,2,2-Tetrachloroethane	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	107	70-130



Client Sample ID: CCV

Lab ID#: 1109048-25A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090604	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/6/11 10:08 AM

Compound	%Recovery
Freon 12	105
Vinyl Chloride	93
Freon 11	107
1,1-Dichloroethene	101
Freon 113	92
1,1-Dichloroethane	98
cis-1,2-Dichloroethene	92
Chloroform	101
1,1,1-Trichloroethane	109
Carbon Tetrachloride	124
Benzene	89
1,2-Dichloroethane	104
Trichloroethene	89
trans-1,3-Dichloropropene	121
Toluene	91
1,1,2-Trichloroethane	102
Tetrachloroethene	102
Chlorobenzene	96
Ethyl Benzene	100
m,p-Xylene	96
o-Xylene	98
1,4-Dichlorobenzene	82
1,2-Dichlorobenzene	95
trans-1,2-Dichloroethene	91
Acetone	108
Methylene Chloride	83
Methyl tert-butyl ether	96
1,1,2,2-Tetrachloroethane	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130



Client Sample ID: CCV

Lab ID#: 1109048-25B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090702	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/7/11 08:49 AM

Compound	%Recovery
Freon 12	110
Vinyl Chloride	97
Freon 11	109
1,1-Dichloroethene	103
Freon 113	97
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	97
Chloroform	104
1,1,1-Trichloroethane	112
Carbon Tetrachloride	97
Benzene	95
1,2-Dichloroethane	104
Trichloroethene	94
trans-1,3-Dichloropropene	118
Toluene	98
1,1,2-Trichloroethane	104
Tetrachloroethene	107
Chlorobenzene	101
Ethyl Benzene	107
m,p-Xylene	103
o-Xylene	106
1,4-Dichlorobenzene	87
1,2-Dichlorobenzene	101
trans-1,2-Dichloroethene	96
Acetone	113
Methylene Chloride	86
Methyl tert-butyl ether	99
1,1,2,2-Tetrachloroethane	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	107	70-130



Client Sample ID: LCS

Lab ID#: 1109048-26A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090605	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/6/11 10:49 AM

Compound	%Recovery
Freon 12	111
Vinyl Chloride	101
Freon 11	112
1,1-Dichloroethene	114
Freon 113	98
1,1-Dichloroethane	104
cis-1,2-Dichloroethene	99
Chloroform	108
1,1,1-Trichloroethane	116
Carbon Tetrachloride	101
Benzene	96
1,2-Dichloroethane	108
Trichloroethene	96
trans-1,3-Dichloropropene	121
Toluene	96
1,1,2-Trichloroethane	108
Tetrachloroethene	106
Chlorobenzene	102
Ethyl Benzene	106
m,p-Xylene	102
o-Xylene	105
1,4-Dichlorobenzene	86
1,2-Dichlorobenzene	102
trans-1,2-Dichloroethene	108
Acetone	124
Methylene Chloride	88
Methyl tert-butyl ether	106
1,1,2,2-Tetrachloroethane	112

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	123	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130



Client Sample ID: LCSD

Lab ID#: 1109048-26AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090606	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/6/11 11:22 AM

Compound	%Recovery
Freon 12	110
Vinyl Chloride	102
Freon 11	109
1,1-Dichloroethene	111
Freon 113	97
1,1-Dichloroethane	102
cis-1,2-Dichloroethene	98
Chloroform	106
1,1,1-Trichloroethane	114
Carbon Tetrachloride	100
Benzene	95
1,2-Dichloroethane	105
Trichloroethene	94
trans-1,3-Dichloropropene	119
Toluene	95
1,1,2-Trichloroethane	107
Tetrachloroethene	104
Chlorobenzene	101
Ethyl Benzene	104
m,p-Xylene	102
o-Xylene	104
1,4-Dichlorobenzene	86
1,2-Dichlorobenzene	102
trans-1,2-Dichloroethene	106
Acetone	122
Methylene Chloride	86
Methyl tert-butyl ether	105
1,1,2,2-Tetrachloroethane	112

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130



Client Sample ID: LCS

Lab ID#: 1109048-26B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090703	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/7/11 09:27 AM

Compound	%Recovery
Freon 12	112
Vinyl Chloride	102
Freon 11	108
1,1-Dichloroethene	108
Freon 113	96
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	96
Chloroform	104
1,1,1-Trichloroethane	112
Carbon Tetrachloride	98
Benzene	96
1,2-Dichloroethane	103
Trichloroethene	93
trans-1,3-Dichloropropene	115
Toluene	96
1,1,2-Trichloroethane	104
Tetrachloroethene	104
Chlorobenzene	100
Ethyl Benzene	105
m,p-Xylene	103
o-Xylene	105
1,4-Dichlorobenzene	88
1,2-Dichlorobenzene	104
trans-1,2-Dichloroethene	105
Acetone	119
Methylene Chloride	84
Methyl tert-butyl ether	102
1,1,2,2-Tetrachloroethane	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: LCSD

Lab ID#: 1109048-26BB

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c090704	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/7/11 10:04 AM

Compound	%Recovery
Freon 12	109
Vinyl Chloride	101
Freon 11	104
1,1-Dichloroethene	105
Freon 113	92
1,1-Dichloroethane	97
cis-1,2-Dichloroethene	93
Chloroform	101
1,1,1-Trichloroethane	108
Carbon Tetrachloride	94
Benzene	94
1,2-Dichloroethane	98
Trichloroethene	91
trans-1,3-Dichloropropene	112
Toluene	95
1,1,2-Trichloroethane	101
Tetrachloroethene	101
Chlorobenzene	98
Ethyl Benzene	103
m,p-Xylene	101
o-Xylene	104
1,4-Dichlorobenzene	88
1,2-Dichlorobenzene	104
trans-1,2-Dichloroethene	101
Acetone	114
Methylene Chloride	83
Methyl tert-butyl ether	98
1,1,2,2-Tetrachloroethane	108

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



September 20, 2011



CDM
ATTN: Sharon Wallin
111 Academy, Suite 150
Irvine, CA 92617

ADE-1461
EPA Methods TO-3,
TO14A, TO15 SIM & Scan,
ASTM D1946

FL Cert E8784/LA Cert 04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
RSK-175

TX Cert T104704450-09-TX
EPA Methods TO14A, TO15

LABORATORY TEST RESULTS

Project Reference: Omega IAQ
Lab Number: C090204-01/02

Enclosed are results for sample(s) received 9/02/11 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.
- The enclosed results relate only to the sample(s).

Results were e-mailed to Sharon Wallin, Elizabeth DeCola and Mark Kill (de maximis, inc.) on 9/20/11.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Johnson".

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.



18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

METHOD OF TRANSPORT (circle one):		Walk-In	FedEx	UPS	Courier	ATLI	Other
AUTHORIZATION TO PERFORM WORK	<i>John</i>						
SAMPLED BY	<i>John</i>						
RELINQUISHED BY	<i>John</i>	DATE/TIME <i>8/31/11/1945</i>	RECEIVED BY <i>On-Trac</i>	DATE/TIME <i>8/31/11/1945</i>	RECEIVED BY <i>Karen</i>	DATE/TIME <i>8/31/11/1945</i>	RECEIVED BY <i>D.</i>
RELINQUISHED BY	<i>On-Trac</i>	DATE/TIME <i>9/2/11 12:30</i>					
COMMENTS							

EPA TO15
SIM Mode

Lab Sample: C090204-01 Date Collected: 08/31/11
Client Sample: IAQ-ROP1-083111-K2 Date Received: 09/02/11
Project Name: Omega IAQ QC Batch: 110920MS2A2
Project #: 10500-81846 Sample Type: SA

Analyte	Result ppbv	RL ppbv	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	0.55	0.050	09/20/11	2.5
Vinyl Chloride	ND	0.025	09/20/11	2.5
Trichlorofluoromethane (11)	0.25	0.050	09/20/11	2.5
1,1,2-Cl 1,2,2-F ethane (113)	0.097	0.050	09/20/11	2.5
Acetone	15	1.3	09/20/11	2.5
1,1-Dichloroethene	0.029	0.025	09/20/11	2.5
Methylene Chloride	1.3	0.50	09/20/11	2.5
t-Butyl Methyl Ether (MTBE)	ND	0.25	09/20/11	2.5
t-1,2-Dichloroethene	ND	0.25	09/20/11	2.5
1,1-Dichloroethane	ND	0.50	09/20/11	2.5
c-1,2-Dichloroethene	ND	0.050	09/20/11	2.5
Chloroform	ND	0.050	09/20/11	2.5
1,1,1-Trichloroethane	ND	0.050	09/20/11	2.5
Carbon Tetrachloride	0.083	0.050	09/20/11	2.5
Benzene	0.20	0.13	09/20/11	2.5
1,2-Dichloroethane	ND	0.050	09/20/11	2.5
Trichloroethene	0.016	0.0075	09/20/11	2.5
Toluene	3.0	0.050	09/20/11	2.5
t-1,3-Dichloropropene	ND	0.050	09/20/11	2.5
1,1,2-Trichloroethane	ND	0.050	09/20/11	2.5
Tetrachloroethene	0.13	0.050	09/20/11	2.5
Chlorobenzene	ND	0.050	09/20/11	2.5
Ethylbenzene	0.22	0.050	09/20/11	2.5
p,&m-Xylene	0.51	0.15	09/20/11	2.5
o-Xylene	0.25	0.15	09/20/11	2.5
1,1,2,2-Tetrachloroethane	ND	0.050	09/20/11	2.5
1,4-Dichlorobenzene	ND	0.050	09/20/11	2.5
1,2-Dichlorobenzene	ND	0.25	09/20/11	2.5

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C090204

Lab Sample:	C090204-02	Date Collected:	08/31/11
Client Sample:	IAQ-TP3-083111-K2	Date Received:	09/02/11
Project Name:	Omega IAQ	QC Batch:	110920MS2A2
Project #:	10500-81846	Sample Type:	SA

Analyte	Result ppbv	RL ppbv	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	0.55	0.088	09/20/11	4.4
Vinyl Chloride	ND	0.044	09/20/11	4.4
Trichlorofluoromethane (11)	0.37	0.088	09/20/11	4.4
1,1,2-Cl 1,2,2-F ethane (113)	0.098	0.088	09/20/11	4.4
Acetone	28	2.2	09/20/11	4.4
1,1-Dichloroethene	ND	0.044	09/20/11	4.4
Methylene Chloride	ND	0.88	09/20/11	4.4
t-Butyl Methyl Ether (MTBE)	ND	0.44	09/20/11	4.4
t-1,2-Dichloroethene	ND	0.44	09/20/11	4.4
1,1-Dichloroethane	ND	0.88	09/20/11	4.4
c-1,2-Dichloroethene	ND	0.088	09/20/11	4.4
Chloroform	ND	0.088	09/20/11	4.4
1,1,1-Trichloroethane	ND	0.088	09/20/11	4.4
Carbon Tetrachloride	ND	0.088	09/20/11	4.4
Benzene	1.0	0.22	09/20/11	4.4
1,2-Dichloroethane	ND	0.088	09/20/11	4.4
Trichloroethene	0.020	0.013	09/20/11	4.4
Toluene	46	0.12	09/20/11	5.8
t-1,3-Dichloropropene	ND	0.088	09/20/11	4.4
1,1,2-Trichloroethane	ND	0.088	09/20/11	4.4
Tetrachloroethene	0.16	0.088	09/20/11	4.4
Chlorobenzene	0.11	0.088	09/20/11	4.4
Ethylbenzene	17	0.088	09/20/11	4.4
p,&m-Xylene	70	0.26	09/20/11	4.4
o-Xylene	34	0.26	09/20/11	4.4
1,1,2,2-Tetrachloroethane	ND	0.088	09/20/11	4.4
1,4-Dichlorobenzene	ND	0.088	09/20/11	4.4
1,2-Dichlorobenzene	ND	0.44	09/20/11	4.4

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C090204

Lab Sample: METHOD BLANK Date Collected: -
Client Sample: - Date Received: -
Project Name: - QC Batch: 110920MS2A2
Project #: - Sample Type: SA

Analyte	Result ppbv	RL ppbv	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	ND	0.020	09/20/11	1
Vinyl Chloride	ND	0.010	09/20/11	1
Trichlorofluoromethane (11)	ND	0.020	09/20/11	1
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.020	09/20/11	1
Acetone	ND	0.50	09/20/11	1
1,1-Dichloroethene	ND	0.010	09/20/11	1
Methylene Chloride	ND	0.20	09/20/11	1
t-Butyl Methyl Ether (MTBE)	ND	0.10	09/20/11	1
t-1,2-Dichloroethene	ND	0.10	09/20/11	1
1,1-Dichloroethane	ND	0.20	09/20/11	1
c-1,2-Dichloroethene	ND	0.020	09/20/11	1
Chloroform	ND	0.020	09/20/11	1
1,1,1-Trichloroethane	ND	0.020	09/20/11	1
Carbon Tetrachloride	ND	0.020	09/20/11	1
Benzene	ND	0.050	09/20/11	1
1,2-Dichloroethane	ND	0.020	09/20/11	1
Trichloroethene	ND	0.0030	09/20/11	1
Toluene	ND	0.020	09/20/11	1
t-1,3-Dichloropropene	ND	0.020	09/20/11	1
1,1,2-Trichloroethane	ND	0.020	09/20/11	1
Tetrachloroethene	ND	0.020	09/20/11	1
Chlorobenzene	ND	0.020	09/20/11	1
Ethylbenzene	ND	0.020	09/20/11	1
p,&m-Xylene	ND	0.060	09/20/11	1
o-Xylene	ND	0.060	09/20/11	1
1,1,2,2-Tetrachloroethane	ND	0.020	09/20/11	1
1,4-Dichlorobenzene	ND	0.020	09/20/11	1
1,2-Dichlorobenzene	ND	0.10	09/20/11	1

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Lab Sample: C090204-01 Date Collected: 08/31/11
Client Sample: IAQ-ROP1-083111-K2 Date Received: 09/02/11
Project Name: Omega IAQ QC Batch: 110920MS2A2
Project #: 10500-81846 Sample Type: SA

Analyte	Result ug/m3	RL ug/m3	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	2.7	0.25	09/20/11	2.5
Vinyl Chloride	ND	0.064	09/20/11	2.5
Trichlorofluoromethane (11)	1.4	0.28	09/20/11	2.5
1,1,2-Cl 1,2,2-F ethane (113)	0.74	0.38	09/20/11	2.5
Acetone	36	3.0	09/20/11	2.5
1,1-Dichloroethene	0.11	0.099	09/20/11	2.5
Methylene Chloride	4.6	1.7	09/20/11	2.5
t-Butyl Methyl Ether (MTBE)	ND	0.90	09/20/11	2.5
t-1,2-Dichloroethene	ND	0.99	09/20/11	2.5
1,1-Dichloroethane	ND	2.0	09/20/11	2.5
c-1,2-Dichloroethene	ND	0.20	09/20/11	2.5
Chloroform	ND	0.24	09/20/11	2.5
1,1,1-Trichloroethane	ND	0.27	09/20/11	2.5
Carbon Tetrachloride	0.52	0.31	09/20/11	2.5
Benzene	0.65	0.40	09/20/11	2.5
1,2-Dichloroethane	ND	0.20	09/20/11	2.5
Trichloroethene	0.084	0.040	09/20/11	2.5
Toluene	11	0.19	09/20/11	2.5
t-1,3-Dichloropropene	ND	0.23	09/20/11	2.5
1,1,2-Trichloroethane	ND	0.27	09/20/11	2.5
Tetrachloroethene	0.88	0.34	09/20/11	2.5
Chlorobenzene	ND	0.23	09/20/11	2.5
Ethylbenzene	0.97	0.22	09/20/11	2.5
p,&m-Xylene	2.2	0.65	09/20/11	2.5
o-Xylene	1.1	0.65	09/20/11	2.5
1,1,2,2-Tetrachloroethane	ND	0.34	09/20/11	2.5
1,4-Dichlorobenzene	ND	0.30	09/20/11	2.5
1,2-Dichlorobenzene	ND	1.5	09/20/11	2.5

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Lab Sample: C090204-02 **Date Collected:** 08/31/11
Client Sample: IAQ-TP3-083111-K2 **Date Received:** 09/02/11
Project Name: Omega IAQ **QC Batch:** 110920MS2A2
Project #: 10500-81846 **Sample Type:** SA

Analyte	Result ug/m3	RL ug/m3	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	2.7	0.43	09/20/11	4.4
Vinyl Chloride	ND	0.11	09/20/11	4.4
Trichlorofluoromethane (11)	2.1	0.49	09/20/11	4.4
1,1,2-Cl 1,2,2-F ethane (113)	0.75	0.67	09/20/11	4.4
Acetone	68	5.2	09/20/11	4.4
1,1-Dichloroethene	ND	0.17	09/20/11	4.4
Methylene Chloride	ND	3.0	09/20/11	4.4
t-Butyl Methyl Ether (MTBE)	ND	1.6	09/20/11	4.4
t-1,2-Dichloroethene	ND	1.7	09/20/11	4.4
1,1-Dichloroethane	ND	3.5	09/20/11	4.4
c-1,2-Dichloroethene	ND	0.35	09/20/11	4.4
Chloroform	ND	0.43	09/20/11	4.4
1,1,1-Trichloroethane	ND	0.48	09/20/11	4.4
Carbon Tetrachloride	ND	0.55	09/20/11	4.4
Benzene	3.3	0.70	09/20/11	4.4
1,2-Dichloroethane	ND	0.35	09/20/11	4.4
Trichloroethene	0.11	0.071	09/20/11	4.4
Toluene	180	0.44	09/20/11	5.8
t-1,3-Dichloropropene	ND	0.40	09/20/11	4.4
1,1,2-Trichloroethane	ND	0.48	09/20/11	4.4
Tetrachloroethene	1.1	0.59	09/20/11	4.4
Chlorobenzene	0.49	0.40	09/20/11	4.4
Ethylbenzene	72	0.38	09/20/11	4.4
p,&m-Xylene	300	1.1	09/20/11	4.4
o-Xylene	150	1.1	09/20/11	4.4
1,1,2,2-Tetrachloroethane	ND	0.60	09/20/11	4.4
1,4-Dichlorobenzene	ND	0.53	09/20/11	4.4
1,2-Dichlorobenzene	ND	2.6	09/20/11	4.4

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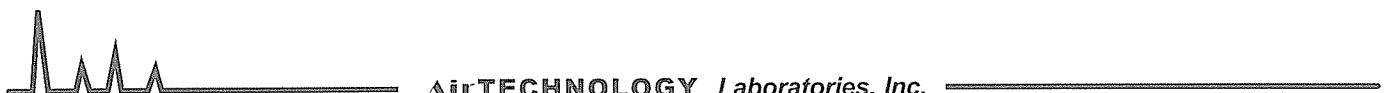
Lab Sample: METHOD BLANK Date Collected: -
Client Sample: - Date Received: -
Project Name: - QC Batch: 110920MS2A2
Project #: - Sample Type: SA

Analyte	Result ug/m3	RL ug/m3	Date Analyzed	Dilution Factor
Dichlorodifluoromethane (12)	ND	0.099	09/20/11	1
Vinyl Chloride	ND	0.026	09/20/11	1
Trichlorofluoromethane (11)	ND	0.11	09/20/11	1
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.15	09/20/11	1
Acetone	ND	1.2	09/20/11	1
1,1-Dichloroethene	ND	0.040	09/20/11	1
Methylene Chloride	ND	0.69	09/20/11	1
t-Butyl Methyl Ether (MTBE)	ND	0.36	09/20/11	1
t-1,2-Dichloroethene	ND	0.40	09/20/11	1
1,1-Dichloroethane	ND	0.81	09/20/11	1
c-1,2-Dichloroethene	ND	0.079	09/20/11	1
Chloroform	ND	0.098	09/20/11	1
1,1,1-Trichloroethane	ND	0.11	09/20/11	1
Carbon Tetrachloride	ND	0.13	09/20/11	1
Benzene	ND	0.16	09/20/11	1
1,2-Dichloroethane	ND	0.081	09/20/11	1
Trichloroethene	ND	0.016	09/20/11	1
Toluene	ND	0.075	09/20/11	1
t-1,3-Dichloropropene	ND	0.091	09/20/11	1
1,1,2-Trichloroethane	ND	0.11	09/20/11	1
Tetrachloroethene	ND	0.14	09/20/11	1
Chlorobenzene	ND	0.092	09/20/11	1
Ethylbenzene	ND	0.087	09/20/11	1
p,&m-Xylene	ND	0.26	09/20/11	1
o-Xylene	ND	0.26	09/20/11	1
1,1,2,2-Tetrachloroethane	ND	0.14	09/20/11	1
1,4-Dichlorobenzene	ND	0.12	09/20/11	1
1,2-Dichlorobenzene	ND	0.60	09/20/11	1

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QC Batch #: 110920MS2A2

Matrix: Air

EPA Method TO-15 SIM											
Lab No: Date Analyzed: Data File ID: Analyst Initials: Dilution Factor:	Method Blank 09/20/11 20SEP011.D DT 1.0	LCS		LCSD							
		09/20/11		09/20/11							
		20SEP009.D		20SEP010.D							
		DT		DT							
		1.0		1.0		Limits					
ANALYTE	Result pptv	Spike Amount	Result pptv	% Rec	Result pptv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/ Fail
Vinyl Chloride	0.0	500	444	89	436	87	1.9	70	130	30	Pass
1,1-Dichloroethene	0.0	500	460	92	452	90	1.7	70	130	30	Pass
1,1,1-Trichloroethane	2.9	500	453	91	448	90	1.0	70	130	30	Pass
Benzene	7.1	500	423	85	413	83	2.3	70	130	30	Pass
Trichloroethene	0.0	500	444	89	437	87	1.4	70	130	30	Pass
Tetrachloroethene	0.0	500	429	86	436	87	1.7	70	130	30	Pass

Reviewed/Approved By: Mark Johnson / Date: 9/20/11
 Mark Johnson
 Operations Manager

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